

**CPC****COOPERATIVE PATENT CLASSIFICATION****B29K****INDEXING SCHEME ASSOCIATED WITH SUBCLASSES B29B, C OR D, RELATING TO MOULDING MATERIALS****NOTE**

1. This subclass constitutes an indexing scheme associated with subclasses B29B, B29C or B29D.
2. In this subclass, the following term is used with the meaning indicated: "rubber" covers: natural or conjugated diene rubbers; rubber in general (for a specific rubber, other than a natural rubber or a conjugated diene rubber, see the group provided for such macromolecular compounds)
3. Documents relating to compositions or properties of the materials to be shaped, said compositions having a particular influence on the shaping technique, should be classified in the shaping technique, e.g. [B29C 39/003](#), [B29C 41/003](#), [B29C 43/003](#), [B29C 45/0001](#), [B29C 47/0004](#), [B29C 49/0005](#), [B29C 51/002](#), [B29C 53/005](#), [B29C 55/005](#), [B29C 61/003](#), [B29C 63/0017](#) and B2965/00S  
Copolymers are indexed with the same indexing code as the majority polymers

**WARNING**

[B29K 105/02](#), [B29K 105/22](#), [B29K 105/28](#), [B29K 105/30](#), [B29K 105/32](#) and [B29K 105/34](#) The aspect of [B29K 105/02](#) is covered by **B29K 995/00F15B** The aspect of [B29K 105/22](#) is covered by [B29K 705/00](#) The aspect of [B29K 105/28](#) is covered by **B29K 995/00E5** The aspect of [B29K 105/30](#) is covered by **B29K 995/00E8** The aspect of [B29K 105/32](#) is covered by **B29K 995/00E6** The aspects of [B29K 105/34](#) are covered by **B29K 995/00B2**, **B29K 995/00C6** and **B29K 995/00D4** Subclass indexes Compositions for moulding materials, condition, form or state of moulded material: B29K1 - B29K105 Compositions for reinforcements: B29K201 - B29K313 Compositions for fillers: B29K401 - B29K511 Compositions for preformed parts: B29K601 - B29K713 Compositions for moulds: B29K801 - B29K913 Properties of moulding materials, reinforcements, fillers, preformed parts or moulds: B29K995 Compositions for moulding materials; Condition, form or state of moulded material  
From the date indicated below, the following groups have been deleted from the classification scheme. The documents of these groups have been transferred to the new groups as follows :

[B29K 105/28](#) transfered to **B29K 995/00E5** [C2012.01]  
[B29K 105/30](#) transfered to **B29K 995/00E8** [C2012.01]  
[B29K 105/32](#) transfered to **B29K 995/00E6** [C2012.01]  
[B29K 105/34](#) transfered to **B29K 995/00B2**, **B29K 995/00C6**, B29K00D4 [C2012.01]

**B29K 2001/00**

**Use of cellulose, modified cellulose or cellulose derivatives, e.g. viscose, as moulding material {(as such [C08L 1/00](#))}**

**B29K 2001/08**

. { Cellulose derivatives (as such [C08L 1/08](#))}

**B29K 2001/12**

.. { Cellulose acetate (as such [C08L 1/12](#))}

**B29K 2001/14**

.. { Cellulose acetate-butyrate (as such [C08L 1/14](#))}

**B29K 2001/18**

.. { Cellulose nitrate (as such [C08L 1/18](#))}

<b>B29K 2003/00</b>	<b>Use of { starch or derivatives as moulding material (as such <a href="#">C08L 3/00</a>)}</b>
<b>B29K 2005/00</b>	<b>{ Polysaccharides or derivatives (as such <a href="#">C08L 5/00</a>)}</b>
<b>B29K 2007/00</b>	<b>Use of natural rubber as moulding material {(as such <a href="#">C08L 7/00</a>)}</b>
<b>B29K 2009/00</b>	<b>Use of rubber derived from conjugated dienes, as moulding material {(as such <a href="#">C08L 9/00</a>)}</b>
B29K 2009/06	. { SBR}, i.e. butadiene-styrene { rubbers (as such <a href="#">C08L 9/06</a> )}
<b>B29K 2011/00</b>	<b>Use of { rubber derived from chloroprene as moulding material (as such <a href="#">C08L 11/00</a>)}</b>
<b>B29K 2019/00</b>	<b>Use of rubber not provided for in a single one of main groups <a href="#">B29K 7/00</a> to <a href="#">B29K 11/00</a> , as moulding material</b>
<b>B29K 2021/00</b>	<b>Use of { unspecified rubbers as moulding material (as such <a href="#">C08L 21/00</a>)}</b>
B29K 2021/003	. Thermoplastic elastomers
B29K 2021/006	. Thermosetting elastomers
<b>B29K 2023/00</b>	<b>Use of polyalkenes { or derivatives thereof} as moulding material {(as such <a href="#">C08L 23/00</a>)}</b>
B29K 2023/04	. { Polymers of ethylene (as such <a href="#">C08L 23/04</a> )}
B29K 2023/06	.. { PE, i.e. polyethylene (as such <a href="#">C08L 23/06</a> )}
B29K 2023/0608	... { characterised by its density}
B29K 2023/0616	.... { VLDPE, i.e. very low density polyethylene}
B29K 2023/0625	.... { LLDPE, i.e. linear low density polyethylene}
B29K 2023/0633	.... { LDPE, i.e. low density polyethylene}
B29K 2023/0641	.... { MDPE, i.e. medium density polyethylene}
B29K 2023/065	.... { HDPE, i.e. high density polyethylene}
B29K 2023/0658	... { characterised by its molecular weight}
B29K 2023/0666	.... { ULMWPE, i.e. ultra low molecular weight polyethylene}
B29K 2023/0675	.... { HMWPE, i.e. high molecular weight polyethylene}
B29K 2023/0683	.... { UHMWPE, i.e. ultra high molecular weight polyethylene}
B29K 2023/0691	... { PEX, i.e. crosslinked polyethylene}
B29K 2023/08	.. { Use of copolymers of ethylene as moulding material (as such <a href="#">C08L 23/08</a> ; <b>B29K 23/16 takes precedence</b> )}
B29K 2023/083	... { EVA, i.e. ethylene vinyl acetate copolymer}
B29K 2023/086	... { EVOH, i.e. ethylene vinyl alcohol copolymer}

- B29K 2023/10 . { Polymers of propylene (as such [C08L 23/10](#))}
- B29K 2023/12 .. { PP, i.e. polypropylene (as such [C08L 23/12](#))}
- B29K 2023/14 .. { Copolymers of polypropylene (as such [C08L 23/14](#); **B29K 23/16** takes precedence)}
- B29K 2023/16 . { EPM, i.e. ethylene-propylene copolymers; EPDM, i.e. ethylene-propylene-diene copolymers; EPT, i.e. ethylene-propylene terpolymers (as such [C08L 23/16](#))}
- B29K 2023/18 . { Polymers of hydrocarbons having four or more carbon atoms, e.g. polymers of butylene (e.g. PB, i.e. polybutylene)(as such [C08L 23/18](#))}
- B29K 2023/22 .. { Copolymers of isobutene, e.g. butyl rubber (as such [C08L 23/22](#))}
- B29K 2023/38 . { Polymers of cycloalkenes, e.g. norbornene, cyclopentene}
- B29K 2025/00** Use of polymers of vinyl-aromatic compounds { or derivatives thereof} as moulding material {(as such [C08L 25/00](#))}
- B29K 2025/04 . { Polymers of styrene (as such [C08L 25/04](#))}
- B29K 2025/06 .. { PS, i.e. polystyrene (as such [C08L 25/06](#))}
- B29K 2025/08 .. { Copolymers of styrene, e.g. AS or SAN, i.e. acrylonitrile styrene (as such [C08L 25/08](#); **B29K 55/02** takes precedence)}
- B29K 2027/00** Use of polyvinylhalogenides { or derivatives thereof} as moulding material {(as such [C08L 27/00](#))}
- B29K 2027/06 . { PVC, i.e. polyvinylchloride (as such [C08L 27/06](#))}
- B29K 2027/08 . { PVDC, i.e. polyvinylidene chloride (as such [C08L 27/08](#))}
- B29K 2027/12 . containing fluorine {(as such [C08L 27/12](#))}
- B29K 2027/14 .. { PVF, i.e. polyvinyl fluoride (as such [C08L 27/14](#))}
- B29K 2027/16 .. { PVDF, i.e. polyvinylidene fluoride (as such [C08L 27/16](#))}
- B29K 2027/18 .. PTFE, i.e. polytetrafluorethene {(as such [C08L 27/18](#)), e.g. ePTFE, i.e. expanded polytetrafluorethene, Gore Tex (R)}
- B29K 2029/00** Use of polyvinylalcohols, polyvinylethers, polyvinylaldehydes, polyvinylketones or polyvinylketals { or derivatives thereof} as moulding material {(as such [C08L 29/00](#))}
- B29K 2029/04 . { PVOH, i.e. polyvinyl alcohol (as such [C08L 29/04](#); **B29K 31/04** takes precedence)}
- B29K 2029/14 . { Polyvinylacetals}
- B29K 2031/00** Use of polyvinylesters { or derivatives thereof} as moulding material {(as such [C08L 31/00](#))}
- B29K 2031/04 . { Polymers of vinyl acetate, e.g. PVAc, i.e. polyvinyl acetate (as such [C08L 31/04](#))}

<b>B29K 2033/00</b>	<b>Use of polymers of unsaturated acids or derivatives thereof as moulding material</b> {(as such <a href="#">C08L 33/00</a> )}(B29K 35/00 takes precedence)
B29K 2033/04	. Polymers of esters {(as such <a href="#">C08L 33/04</a> )}
B29K 2033/08	. . { Polymers of acrylic acid esters, e.g. PMA, i.e. polymethylacrylate (as such <a href="#">C08L 33/08</a> )}
B29K 2033/12	. . { Polymers of methacrylic acid esters, e.g. PMMA, i.e. polymethylmethacrylate (as such <a href="#">C08L 33/12</a> )}
B29K 2033/18	. Polymers of nitriles {(as such <a href="#">C08L 33/18</a> )}
B29K 2033/20	. . PAN, i.e. polyacrylonitrile {(as such <a href="#">C08L 33/20</a> )}
B29K 2033/26	. { Polymers of acrylamide or methacrylamide (as such <a href="#">C08L 33/26</a> )}
<b>B29K 2035/00</b>	<b>Use of polymers of unsaturated polycarboxylic acids { or derivatives thereof} as moulding material</b> {(as such <a href="#">C08L 35/00</a> )}
<b>B29K 2039/00</b>	{ Use of polymers with unsaturated aliphatic radicals and with a nitrogen or a heterocyclic ring containing nitrogen in a side chain or derivatives thereof as moulding material (as such <a href="#">C08L 39/00</a> )}
B29K 2039/06	. { Polymers of N-vinyl-pyrrolidones (as such <a href="#">C08L 39/06</a> )}
B29K 2039/08	. { Polymers of vinyl-pyridine (as such <a href="#">C08L 39/08</a> )}
<b>B29K 2045/00</b>	<b>Use of polymers of unsaturated cyclic compounds having no unsaturated aliphatic groups in a side-chain, e.g. coumarone-indene resins { or derivatives thereof}, as moulding material</b> {(as such <a href="#">C08L 45/00</a> )}
<b>B29K 2049/00</b>	{ Use of polyacetylene or cyanic ester resins, i.e. polymers having one or more carbon-to-carbon triple bonds or derivatives thereof, as moulding material (as such <a href="#">C08L 49/00</a> )}
<b>B29K 2055/00</b>	<b>Use of specific polymers obtained by polymerisation reactions only involving carbon-to-carbon unsaturated bonds, not provided for in a single one of main groups <a href="#">B29K 23/00</a> to <a href="#">B29K 49/00</a>, e.g. having a vinyl group}, as moulding material</b> {(as such <a href="#">C08L 55/00</a> )}
B29K 2055/02	. ABS polymers, i.e. acrylonitrile-butadiene-styrene polymers {(as such <a href="#">C08L 55/02</a> )}
<b>B29K 2059/00</b>	<b>Use of polyacetals { e.g. POM, i.e. polyoxymethylene; or derivatives thereof} , as moulding material</b> {(as such <a href="#">C08L 59/00</a> )}
<b>B29K 2061/00</b>	<b>Use of condensation polymers of aldehydes or ketones { or derivatives thereof} as moulding material</b> {(as such <a href="#">C08L 61/00</a> )}
B29K 2061/04	. Phenoplasts {(as such <a href="#">C08L 61/04</a> )}

B29K 2061/20	. Aminoplasts {(as such <a href="#">C08L 61/20</a> )}
B29K 2063/00	<b>Use of { EP, i.e.} epoxy resins { or derivatives thereof} as moulding material {(as such <a href="#">C08L 63/00</a>)}</b>
B29K 2065/00	{ Use of polyphenylenes (as such <a href="#">C08L 65/02</a> ) or polyxylylenes (as such <a href="#">C08L 65/04</a> ) as moulding material}
B29K 2067/00	<b>Use of polyesters {or derivatives thereof} as moulding material {(as such <a href="#">C08L 67/00</a>)}</b>
B29K 2067/003	. { PET, i.e. poylethylene terephthalate}
B29K 2067/006	. { PBT, i.e. polybutylene terephthalate}
B29K 2067/04	. { Polyesters derived from hydroxycarboxylic acids (as such <a href="#">C08L 67/04</a> )}
B29K 2067/043	.. { PGA, i.e. polyglycolic acid or polyglycolide}
B29K 2067/046	.. { PLA, i.e. polylactic acid or polylactide}
B29K 2067/06	. { Unsaturated polyesters (as such <a href="#">C08L 67/06</a> )}
B29K 2069/00	<b>Use of { PC, i.e.} polycarbonates { or derivatives thereof} as moulding material {(as such <a href="#">C08L 69/00</a>)}</b>
B29K 2071/00	<b>Use of polyethers, { e.g. PEEK, i.e. polyether-etherketone or PEK, i.e. polyetherketone or derivatives thereof} as moulding material {(as such <a href="#">C08L 71/00</a>)}</b>
B29K 2071/02	. { Polyalkylene oxides, e.g. PEO, i.e. polyethylene oxide or derivatives thereof (as such <a href="#">C08L 71/02</a> )}
B29K 2071/12	. { PPO, i.e. polyphenylene oxide (as such <a href="#">C08L 71/12</a> ); PPE, i.e. polyphenylene ether}
B29K 2073/00	<b>Use of other polymers having oxygen as the only hetero atom in the main chain as moulding material {(as such <a href="#">C08L 73/00</a>)}</b>
B29K 2075/00	<b>Use of { PU, i.e.} polyureas or polyurethanes { or derivatives thereof} as moulding material {(as such <a href="#">C08L 75/00</a>)}</b>
B29K 2075/02	. Polyureas {(as such <a href="#">C08L 75/02</a> )}
B29K 2077/00	<b>Use of { PA, i.e.} polyamides, e.g. polyesteramides { or derivatives thereof} as moulding material [(as such <a href="#">C08L 77/00</a>)]</b>
B29K 2077/10	. { Aromatic polyamides (Polyaramides) or derivatives thereof (such as <a href="#">C08L 77/10</a> )}
B29K 2079/00	<b>Use of polymers having nitrogen, with or without oxygen, or carbon only, in the</b>

**main chain { not provided for in groups [B29K 61/00](#) to [B29K 77/00](#)}, as moulding material{(as such [C08L 79/00](#))}**

- [B29K 2079/08](#) . { PI, i.e. polyimides or derivatives thereof (as such [C08L 79/08](#))}
- [B29K 2079/085](#) . . { Thermoplastic polyimides, e.g. polyesterimides, polyetherimides (PEI), polyamideimides; Derivatives thereof}
  
- [B29K 2081/00](#) Use of polymers having sulfur, with or without nitrogen, oxygen, or carbon only, in the main chain, as moulding material {(as such [C08L 81/00](#))}**
  
- [B29K 2081/04](#) . { Polysulfides, e.g. PPS, i.e. polyphenylene sulfide or derivatives thereof (as such [C08L 81/04](#))}
- [B29K 2081/06](#) . { PSU, i.e. polysulfones; PES, i.e. polyethersulfones or derivatives thereof (as such [C08L 81/06](#))}
  
- [B29K 2083/00](#) Use of polymers having silicon, with or without sulfur, nitrogen, oxygen, or carbon only, in the main chain, as moulding material {(as such [C08L 83/00](#))}**
  
- [B29K 2083/005](#) . { Liquid Silicone Rubbers (LSR) or derivatives thereof}
  
- [B29K 2085/00](#) Use of polymers having other elements { than silicon, sulfur, nitrogen, oxygen, and carbon} in the main chain, as moulding material {(as such [C08L 85/00](#))}**
  
- [B29K 2086/00](#) Use of specific polymers obtained by polycondensation or polyaddition, not provided for in a single one of main groups [B29K 59/00](#) to [B29K 85/00](#), as moulding material**
  
- [B29K 2089/00](#) { Use of proteins, e.g. casein, gelatine or derivatives thereof, as moulding material (as such [C08L 89/00](#))}
  
- [B29K 2091/00](#) Use of waxes as moulding material {(as such [C08L 91/06](#))}**
  
- [B29K 2093/00](#) { Use of natural resins (as such [C08L 93/00](#)), e.g. shellac (as such [C08L 93/02](#)) or derivatives thereof, as moulding material ([B29K 1/00](#), [B29K 3/00](#), [B29K 5/00](#), [B29K 7/00](#) and [B29K 89/00](#) take precedence)}
  
- [B29K 2095/00](#) Use of bituminous materials as moulding material {(as such [C08L 95/00](#))}**
  
- [B29K 2096/00](#) Use of specified macromolecular materials not provided for in a single one of main groups [B29K 1/00](#)-[B29K 95/00](#) , as moulding material**
  
- [B29K 2096/005](#) . { Ionomers}
- [B29K 2096/02](#) . Graft polymers ([B29K 55/02](#) takes precedence)

B29K 2096/04	. Block polymers ( <a href="#">B29K 55/02</a> takes precedence)
<b>B29K 2101/00</b>	<b>Use of unspecified macromolecular compounds as moulding material</b> (unspecified rubbers <a href="#">B29K 21/00</a> ){ as such <a href="#">C08L 101/00</a> }
B29K 2101/10	. Thermosetting resins
B29K 2101/12	. Thermoplastic materials
<b>B29K 2103/00</b>	<b>Use of resin-bonded materials as moulding material</b>
B29K 2103/04	. Inorganic materials
B29K 2103/06	.. Metal powders, metal carbides or the like
B29K 2103/08	.. Mineral aggregates, e.g. sand, clay or the like
<b>B29K 2105/00</b>	<b>Condition, form or state of moulded material</b> {or of the material to be shaped}
B29K 2105/0002	. [n: monomers or prepolymers]
B29K 2105/0005	. { containing compounding ingredients (releasing, lubricating or separating agents <a href="#">B29C 33/56</a> , fibers <a href="#">B29K 105/08</a> , <a href="#">B29K 105/12</a> ; fillers <a href="#">B29K 105/16</a> , recycled material <a href="#">B29K 105/26</a> ) }
B29K 2105/0008	.. { Anti-static agents }
B29K 2105/0011	.. { Biocides }
B29K 2105/0014	.. { Catalysts }
B29K 2105/0017	.. { Agents activating degradation }
B29K 2105/002	.. { Agents changing electric characteristics }
B29K 2105/0023	... { improving electric conduction }
B29K 2105/0026	.. { Flame proofing or flame retarding agents }
B29K 2105/0029	.. { Perfuming, odour masking or flavouring agents }
B29K 2105/0032	.. { Pigments, colouring agents or opacifying agents }
B29K 2105/0035	.. { Medical or pharmaceutical agents }
B29K 2105/0038	.. { Plasticisers }
B29K 2105/0041	.. { Anti-odorant agents, e.g. active carbon }
B29K 2105/0044	.. { Stabilisers, e.g. against oxydation, light, heat }
B29K 2105/0047	.. { Agents changing thermal characteristics }
B29K 2105/005	... { Heat sensitisers or absorbers }
B29K 2105/0052	.. { Tracing elements, e.g. to detect the origin of articles }
B29K 2105/0055	. { Gaseous }
B29K 2105/0058	. { Liquid or visquous }
B29K 2105/0061	.. { Gel or sol }
B29K 2105/0064	.. { Latex, emulsion or dispersion }

B29K 2105/0067	.. { Melt }
B29K 2105/007	.. { Paste, dough }
B29K 2105/0073	.. { Solution }
B29K 2105/0076	. { Micro capsules }
B29K 2105/0079	. { Liquid crystals }
B29K 2105/0082	. { Plasma }
B29K 2105/0085	. { Copolymers }
B29K 2105/0088	. { Blends of polymers }
B29K 2105/0091	.. { IPN, i.e. interpenetrating polymer networks }
B29K 2105/0094	. { having particular viscosity }
B29K 2105/0097	. { Glues, adhesives, e.g. hot melts, thermofusible adhesives }
B29K 2105/02	. heat-shrinkable
B29K 2105/04	. cellular or porous
B29K 2105/041	.. { Microporous }
B29K 2105/043	.. { Skinned foam }
B29K 2105/045	.. { with open cells }
B29K 2105/046	.. { with closed cells }
B29K 2105/048	.. { Expandable particles, beads or granules }
B29K 2105/06	. containing reinforcements, fillers or inserts
B29K 2105/065	.. { containing impurities }
B29K 2105/08	.. of continuous length, e.g. cords, rovings, mats, fabrics, strands, yarns
B29K 2105/0809	... { Fabrics }
B29K 2105/0818	.... { Fleece }
B29K 2105/0827	.... { Braided fabrics }
B29K 2105/0836	.... { Knitted fabrics }
B29K 2105/0845	.... { Woven fabrics }
B29K 2105/0854	... { in the form of a non-woven mat }
B29K 2105/0863	.... { Sheet moulding compound (SMC) }
B29K 2105/0872	... { Prepregs }
B29K 2105/0881	.... { unidirectional }
B29K 2105/089	.... { fabric }
B29K 2105/10	... { Cords, strands or rovings, e.g. } oriented { cords, strands or rovings }
B29K 2105/101	.... oriented
B29K 2105/102	..... { circonferenceially }
B29K 2105/103	..... { helically }
B29K 2105/105	..... { uni directionally }



B29K 2105/106	..... { longitudinally}
B29K 2105/107	..... { transversally, i.e. perpendicular to the 2D reinforcement direction}
B29K 2105/108	..... { arranged in parallel planes and crossing at substantial angles (B29K 105/20C takes precedence)}
B29K 2105/12	.. of short lengths, e.g. chopped filaments, staple fibres, bristles
B29K 2105/122	... { microfibrres, nanofibrres }
B29K 2105/124	.... { nanofibrres}
B29K 2105/126	... { Whiskers, i.e. reinforcement in the form of monocrystals}
B29K 2105/128	... { in the form of a mat}
B29K 2105/14	... oriented
B29K 2105/145	.... { and crossing at substantial angles}
B29K 2105/16	.. Fillers
B29K 2105/162	... { Nanoparticles}
B29K 2105/165	... { Hollow fillers, e.g. microballoons, expanded particles}
B29K 2105/167	.... { Nanotubes}
B29K 2105/18	... oriented
B29K 2105/20	.. Inserts
B29K 2105/203	... { Magnetic parts}
B29K 2105/206	... { Meshes, lattices, nets}
B29K 2105/24	. crosslinked or vulcanised
B29K 2105/243	.. { Partially cured}
B29K 2105/246	.. { Uncured, e.g. green}
B29K 2105/25	. {Solid}
B29K 2105/251	.. { Particles, powder, granules (expandable particles B29K 105/04E)}
B29K 2105/253	.. { Preform}
B29K 2105/255	... { Block, tablet}
B29K 2105/256	... { Sheet, plate, blank, film}
B29K 2105/258	... { tubular}
B29K 2105/26	. Scrap { recycled material}

**B29K 2201/00** Use of cellulose, modified cellulose or cellulose derivatives, e.g. viscose, as reinforcement {(as such C08L 1/00)}

#### NOTE

B29K 2201/08	. { Cellulose derivatives (as such C08L 1/08)}
B29K 2201/12	.. { Cellulose acetate (as such C08L 1/12)}
B29K 2201/14	.. { Cellulose acetate-butyrate (as such C08L 1/14)}
B29K 2201/18	.. { Cellulose nitrate (as such C08L 1/18)}

<b>B29K 2203/00</b>	<b>Use of { starch or derivatives as reinforcement (as such <a href="#">C08L 3/00</a>)}</b>
<b>B29K 2205/00</b>	<b>{ Polysaccharides or derivatives (as such <a href="#">C08L 5/00</a>)}</b>
<b>B29K 2207/00</b>	<b>Use of natural rubber as reinforcement {(as such <a href="#">C08L 7/00</a>)}</b>
<b>B29K 2209/00</b>	<b>Use of rubber derived from conjugated dienes as reinforcement {(as such <a href="#">C08L 9/00</a>)}</b>
B29K 2209/06	. { SBR}, i.e. butadiene-styrene { rubbers (as such <a href="#">C08L 9/06</a> )}
<b>B29K 2211/00</b>	<b>Use of { rubber derived from chloroprene as reinforcement (as such <a href="#">C08L 11/00</a>)}</b>
<b>B29K 2219/00</b>	<b>Use of rubber not provided for in a single one of main groups <a href="#">B29K 207/00</a> to <a href="#">B29K 211/00</a> , as reinforcement</b>
<b>B29K 2221/00</b>	<b>Use of { unspecified rubbers as reinforcement (as such <a href="#">C08L 21/00</a>)}</b>
B29K 2221/003	. Thermoplastic elastomers
B29K 2221/006	. Thermosetting elastomers
<b>B29K 2223/00</b>	<b>Use of polyalkenes { or derivatives thereof} as reinforcement {(as such <a href="#">C08L 23/00</a>)}</b>
B29K 2223/04	. { Polymers of ethylene (as such <a href="#">C08L 23/04</a> )}
B29K 2223/06	.. { PE, i.e. polyethylene (as such <a href="#">C08L 23/06</a> )}
B29K 2223/0608	... { characterised by its density}
B29K 2223/0616	.... { VLDPE, i.e. very low density polyethylene}
B29K 2223/0625	.... { LLDPE, i.e. linear low density polyethylene}
B29K 2223/0633	.... { LDPE, i.e. low density polyethylene}
B29K 2223/0641	.... { MDPE, i.e. medium density polyethylene}
B29K 2223/065	.... { HDPE, i.e. high density polyethylene}
B29K 2223/0658	... { characterised by its molecular weight}
B29K 2223/0666	.... { ULMWPE, i.e. ultra low molecular weight polyethylene}
B29K 2223/0675	.... { HMWPE, i.e. high molecular weight polyethylene}
B29K 2223/0683	.... { UHMWPE, i.e. ultra high molecular weight polyethylene}
B29K 2223/0691	... { PEX, i.e. crosslinked polyethylene}
B29K 2223/08	.. { Use of copolymers of ethylene as reinforcement (as such <a href="#">C08L 23/08</a> ; <b>B29K 223/16</b> takes precedence)}
B29K 2223/083	... { EVA, i.e. ethylene vinyl acetate copolymer}
B29K 2223/086	... { EVOH, i.e. ethylene vinyl alcohol copolymer}

- B29K 2223/10 . { Polymers of propylene (as such [C08L 23/10](#))}
- B29K 2223/12 .. { PP, i.e. polypropylene (as such [C08L 23/12](#))}
- B29K 2223/14 .. { Copolymers of polypropylene (as such [C08L 23/14](#); **B29K 23/16** takes precedence)}
  
- B29K 2223/16 . { EPM, i.e. ethylene-propylene copolymers; EPDM, i.e. ethylene-propylene-diene copolymers; EPT, i.e. ethylene-propylene terpolymers (as such [C08L 23/16](#))}
  
- B29K 2223/18 . { Polymers of hydrocarbons having four or more carbon atoms, e.g. polymers of butylene (e.g. PB, i.e. polybutylene)(as such [C08L 23/18](#))}
- B29K 2223/22 .. { Copolymers of isobutene, e.g. butyl rubber (as such [C08L 23/22](#))}
  
- B29K 2223/38 . { Polymers of cycloalkenes, e.g. norbornene, cyclopentene}
  
- B29K 2225/00** **Use of polymers of vinyl-aromatic compounds { or derivatives thereof} as reinforcement {(as such [C08L 25/00](#))}**
  
- B29K 2225/04 . { Polymers of styrene (as such [C08L 25/04](#))}
- B29K 2225/06 .. { PS, i.e. polystyrene (as such [C08L 25/06](#))}
- B29K 2225/08 .. { Copolymers of styrene, e.g. AS or SAN, i.e. acrylonitrile styrene (as such [C08L 25/08](#); [B29K 255/02](#) takes precedence)}
  
- B29K 2227/00** **Use of polyvinylhalogenides { or derivatives thereof} as reinforcement {(as such [C08L 27/00](#))}**
  
- B29K 2227/06 . { PVC, i.e. polyvinylchloride (as such [C08L 27/06](#))}
- B29K 2227/08 . { PVDC, i.e. polyvinylidene chloride (as such [C08L 27/08](#))}
- B29K 2227/12 . containing fluorine {(as such [C08L 27/12](#))}
- B29K 2227/14 .. { PVF, i.e. polyvinyl fluoride (as such [C08L 27/14](#))}
- B29K 2227/16 .. { PVDF, i.e. polyvinylidene fluoride (as such [C08L 27/16](#))}
- B29K 2227/18 .. PTFE, i.e. polytetrafluorethene {(as such [C08L 27/18](#)), e.g. ePTFE, i.e. expanded polytetrafluorethene, Gore Tex (R)}
  
- B29K 2229/00** **Use of polyvinylalcohols, polyvinylethers, polyvinylaldehydes, polyvinylketones or polyvinylketals { or derivatives thereof}, as reinforcement {(as such [C08L 29/00](#))}**
  
- B29K 2229/04 . { PVOH, i.e. polyvinyl alcohol (as such [C08L 29/04](#); **B29K 231/04** takes precedence)}
- B29K 2229/14 . { Polyvinylacetals}
  
- B29K 2231/00** **Use of polyvinylesters { or derivatives thereof} as reinforcement {(as such [C08L 31/00](#))}**
  
- B29K 2231/04 . { Polymers of vinyl acetate, e.g. PVAc, i.e. polyvinyl acetate (as such [C08L 31/04](#))}

- B29K 2233/00** Use of polymers of unsaturated acids or derivatives thereof as reinforcement {(as such [C08L 33/00](#))}([B29K 35/00](#) takes precedence)
- B29K 2233/04** . Polymers of esters {(as such [C08L 33/04](#))}
- B29K 2233/08** . . { Polymers of acrylic acid esters, e.g. PMA, i.e. polymethylacrylate (as such [C08L 33/08](#))}
- B29K 2233/12** . . { Polymers of methacrylic acid esters, e.g. PMMA, i.e. polymethylmethacrylate (as such [C08L 33/12](#))}
- B29K 2233/18** . Polymers of nitriles {(as such [C08L 33/18](#))}
- B29K 2233/20** . . PAN, i.e. polyacrylonitrile {(as such [C08L 33/20](#))}
- B29K 2233/26** . { Polymers of acrylamide or methacrylamide (as such [C08L 33/26](#))}
- B29K 2235/00** Use of polymers of unsaturated polycarboxylic acids { or derivatives thereof} as reinforcement {(as such [C08L 35/00](#))}
- B29K 2239/00** { Use of polymers with unsaturated aliphatic radicals and with a nitrogen or a heterocyclic ring containing nitrogen in a side chain or derivatives thereof, as reinforcement (as such [C08L 39/00](#))}
- B29K 2239/06** . { Polymers of N-vinyl-pyrrolidones (as such [C08L 39/06](#))}
- B29K 2239/08** . { Polymers of vinyl-pyridine (as such [C08L 39/08](#))}
- B29K 2245/00** Use of polymers of unsaturated cyclic compounds having no unsaturated aliphatic groups in a side-chain, e.g. coumarone-indene resins { or derivatives thereof}, as reinforcement {(as such [C08L 45/00](#))}
- B29K 2249/00** { Use of polyacetylene or cyanic ester resins, i.e. polymers having one or more carbon-to-carbon triple bonds or derivatives thereof, as reinforcement (as such [C08L 49/00](#))}
- B29K 2255/00** Use of specific polymers obtained by polymerisation reactions only involving carbon-to-carbon unsaturated bonds, not provided for in a single one of main groups [B29K 223/00](#) to [B29K 249/00](#), e.g. having a vinyl group}, as reinforcement {(as such [C08L 55/00](#))}
- B29K 2255/02** . ABS polymers, i.e. acrylonitrile-butadiene-styrene polymers {(as such [C08L 55/02](#))}
- B29K 2259/00** Use of polyacetals { e.g. POM, i.e. polyoxymethylene; or derivatives thereof} , as reinforcement {(as such [C08L 59/00](#))}
- B29K 2261/00** Use of condensation polymers of aldehydes or ketones { or derivatives thereof} , as reinforcement {(as such [C08L 61/00](#))}
- B29K 2261/04** . Phenoplasts {(as such [C08L 61/04](#))}

B29K 2261/20	. Aminoplasts {(as such <a href="#">C08L 61/20</a> )}
B29K 2263/00	<b>Use of { EP, i.e.} epoxy resins { or derivatives thereof} as reinforcement {(as such <a href="#">C08L 63/00</a>)}</b>
B29K 2265/00	{ Use of polyphenylenes (as such <a href="#">C08L 65/02</a> ) or polyxylylenes (as such <a href="#">C08L 65/04</a> ), as reinforcement}
B29K 2267/00	<b>Use of polyesters {or derivatives thereof} as reinforcement {(as such <a href="#">C08L 67/00</a>)}</b>
B29K 2267/003	. { PET, i.e. poylethylene terephthalate}
B29K 2267/006	. { PBT, i.e. polybutylene terephthalate}
B29K 2267/04	. { Polyesters derived from hydroxycarboxylic acids (as such <a href="#">C08L 67/04</a> )}
B29K 2267/043	.. { PGA, i.e. polyglycolic acid or polyglycolide}
B29K 2267/046	.. { PLA, i.e. polylactic acid or polylactide}
B29K 2267/06	. { Unsaturated polyesters (as such <a href="#">C08L 67/06</a> )}
B29K 2269/00	<b>Use of { PC, i.e.} polycarbonates { or derivatives thereof} as reinforcement {(as such <a href="#">C08L 69/00</a>)}</b>
B29K 2271/00	<b>Use of polyethers, { e.g. PEEK, i.e. polyether-etherketone or PEK, i.e. polyetherketone or derivatives thereof}, as reinforcement {(as such <a href="#">C08L 71/00</a>)}</b>
B29K 2271/02	. { Polyalkylene oxides, e.g. PEO, i.e. polyethylene oxide or derivatives thereof (as such <a href="#">C08L 71/02</a> )}
B29K 2271/12	. { PPO, i.e. polyphenylene oxide (as such <a href="#">C08L 71/12</a> ); PPE, i.e. polyphenylene ether}
B29K 2273/00	<b>Use of other polymers having oxygen as the only hetero atom in the main chain, as reinforcement {(as such <a href="#">C08L 73/00</a>)}</b>
B29K 2275/00	<b>Use of { PU, i.e.} polyureas or polyurethanes { or derivatives thereof}, as reinforcement {(as such <a href="#">C08L 75/00</a>)}</b>
B29K 2275/02	. Polyureas {(as such <a href="#">C08L 75/02</a> )}
B29K 2277/00	<b>Use of { PA, i.e.} polyamides, e.g. polyesteramides { or derivatives thereof} , as reinforcement [(as such <a href="#">C08L 77/00</a>)]</b>
B29K 2277/10	. { Aromatic polyamides (Polyaramides) or derivatives thereof (as such <a href="#">C08L 77/10</a> )}
B29K 2279/00	<b>Use of polymers having nitrogen, with or without oxygen, or carbon only, in the</b>

**main chain** { not provided for in groups [B29K 261/00](#) to [B29K 277/00](#)}, as reinforcement {(as such [C08L 79/00](#))}

- [B29K 2279/08](#) . { PI, i.e. polyimides or derivatives thereof (as such [C08L 79/08](#))}
- [B29K 2279/085](#) . . { Thermoplastic polyimides, e.g. polyesterimides, polyetherimides (PEI), polyamideimides; Derivatives thereof}
  
- [B29K 2281/00](#) **Use of polymers having sulfur, with or without nitrogen, oxygen, or carbon only, in the main chain, as reinforcement** {(as such [C08L 81/00](#))}
  
- [B29K 2281/04](#) . { Polysulfides, e.g. PPS, i.e. polyphenylene sulfide or derivatives thereof (as such [C08L 81/04](#))}
- [B29K 2281/06](#) . { PSU, i.e. polysulfones; PES, i.e. polyethersulfones or derivatives thereof (as such [C08L 81/06](#))}
  
- [B29K 2283/00](#) **Use of polymers having silicon, with or without sulfur, nitrogen, oxygen, or carbon only, in the main chain, as reinforcement** {(as such [C08L 83/00](#))}
  
- [B29K 2283/005](#) . { Liquid Silicone Rubbers (LSR) or derivatives thereof}
  
- [B29K 2285/00](#) **Use of polymers having other elements** { than silicon, sulfur, nitrogen, oxygen, and carbon} in the main chain, as reinforcement {(as such [C08L 85/00](#))}
  
- [B29K 2286/00](#) **Use of specific polymers obtained by polycondensation or polyaddition, not provided for in a single one of main groups [B29K 259/00](#) to [B29K 285/00](#), as reinforcement**
  
- [B29K 2289/00](#) { Use of proteins, e.g. casein, gelatine or derivatives thereof, as reinforcement (as such [C08L 89/00](#))}
  
- [B29K 2291/00](#) **Use of waxes as reinforcement** {(as such [C08L 91/06](#))}
  
- [B29K 2293/00](#) { Use of natural resins (as such [C08L 93/00](#)), e.g. shellac (as such [C08L 93/02](#)) or derivatives thereof, as reinforcement ([B29K 201/00](#), [B29K 203/00](#), [B29K 205/00](#), [B29K 207/00](#) and [B29K 289/00](#) take precedence)}
  
- [B29K 2295/00](#) **Use of bituminous materials, as reinforcement** {(as such [C08L 95/00](#))}
  
- [B29K 2296/00](#) **Use of specified macromolecular materials not provided for in a single one of main groups [B29K 201/00](#)-[B29K 295/00](#) , as reinforcement**
  
- [B29K 2296/005](#) . { Ionomers }
- [B29K 2296/02](#) . Graft polymers ([B29K 255/02](#) takes precedence)

B29K 2296/04 . Block polymers ([B29K 255/02](#) takes precedence)

**B29K 2301/00** **Use of unspecified macromolecular compounds as reinforcement** (unspecified rubbers [B29K 221/00](#)){(as such [C08L 101/00](#))}

B29K 2301/10 . Thermosetting resins

B29K 2301/12 . Thermoplastic materials

**B29K 2303/00** **Use of resin-bonded materials as reinforcement**

B29K 2303/04 . Inorganic materials

B29K 2303/06 . . Metal powders, metal carbides or the like

B29K 2303/08 . . Mineral aggregates, e.g. sand, clay or the like

**B29K 2305/00** **Use of metals, their alloys or their compounds, as reinforcement**

**NOTE**

B29K 2305/02 . Aluminium

B29K 2305/04 . Lead

B29K 2305/06 . Tin

B29K 2305/08 . Transition metals

B29K 2305/10 . . Copper

B29K 2305/12 . . Iron

B29K 2305/14 . . { Noble metals, e.g. Silver, Gold, Platinum}

**B29K 2307/00** **Use of elements other than metals as reinforcement**

B29K 2307/02 . Boron

B29K 2307/04 . Carbon

B29K 2307/045 . . { Diamond}

**B29K 2309/00** **Use of inorganic materials not provided for in groups [B29K 303/00](#)-[B29K 307/00](#), as reinforcement**

B29K 2309/02 . Ceramics

B29K 2309/04 . . Carbides; Nitrides

B29K 2309/06 . Concrete

B29K 2309/08	. Glass
B29K 2309/10	. Mica
B29K 2309/12	. Asbestos
B29K 2309/14	. { Stones }
<b>B29K 2311/00</b>	<b>Use of natural products or their composites, not provided for in groups <u>B29K 201/00-B29K 309/00</u>, as reinforcement</b>
B29K 2311/02	. Cork
B29K 2311/04	. Linoleum
B29K 2311/06	. Bone, horn, ivory
B29K 2311/08	. Leather
B29K 2311/10	. Natural fibres, e.g. wool, cotton
B29K 2311/12	. Paper, e.g. cardboard
B29K 2311/123	.. { Coated }
B29K 2311/126	.. { Impregnated }
B29K 2311/14	. Wood, e.g. woodboard, fibreboard
<b>B29K 2313/00</b>	{ Textile products, fabrics ( <u>B29K 105/06</u> takes precedence) }
B29K 2313/02	. { coated }
<b>B29K 2401/00</b>	<b>Use of cellulose, modified cellulose or cellulose derivatives, e.g. viscose, as filler { (as such <u>C08L 1/00</u>) }</b>
	<b><u>NOTE</u></b>
B29K 2401/08	. { Cellulose derivatives (as such <u>C08L 1/08</u> ) }
B29K 2401/12	.. { Cellulose acetate (as such <u>C08L 1/12</u> ) }
B29K 2401/14	.. { Cellulose acetate-butyrate (as such <u>C08L 1/14</u> ) }
B29K 2401/18	.. { Cellulose nitrate (as such <u>C08L 1/18</u> ) }
<b>B29K 2403/00</b>	<b>Use of { starch or derivatives as filler (as such <u>C08L 3/00</u>) }</b>
<b>B29K 2405/00</b>	{ Polysaccharides or derivatives (as such <u>C08L 5/00</u> ) }



<b>B29K 2407/00</b>	<b>Use of natural rubber as filler</b> {(as such <a href="#">C08L 7/00</a> )}
<b>B29K 2409/00</b>	<b>Use of rubber derived from conjugated dienes as filler</b> {(as such <a href="#">C08L 9/00</a> )}
B29K 2409/06	. { SBR}, i.e. butadiene-styrene { rubbers (as such <a href="#">C08L 9/06</a> )}
<b>B29K 2411/00</b>	<b>Use of</b> { rubber derived from chloroprene as filler (as such <a href="#">C08L 11/00</a> )}
<b>B29K 2419/00</b>	<b>Use of rubber not provided for in a single one of main groups <a href="#">B29K 407/00</a> to <a href="#">B29K 411/00</a> , as filler</b>
<b>B29K 2421/00</b>	<b>Use of</b> { unspecified rubbers as filler (as such <a href="#">C08L 21/00</a> )}
B29K 2421/003	. Thermoplastic elastomers
B29K 2421/006	. Thermosetting elastomers
<b>B29K 2423/00</b>	<b>Use of polyalkenes</b> { or derivatives thereof} <b>as filler</b> {(as such <a href="#">C08L 23/00</a> )}
B29K 2423/04	. { Polymers of ethylene (as such <a href="#">C08L 23/04</a> )}
B29K 2423/06	.. { PE, i.e. polyethylene (as such <a href="#">C08L 23/06</a> )}
B29K 2423/0608	... { characterised by its density}
B29K 2423/0616	.... { VLDPE, i.e. very low density polyethylene}
B29K 2423/0625	.... { LLDPE, i.e. linear low density polyethylene}
B29K 2423/0633	.... { LDPE, i.e. low density polyethylene}
B29K 2423/0641	.... { MDPE, i.e. medium density polyethylene}
B29K 2423/065	.... { HDPE, i.e. high density polyethylene}
B29K 2423/0658	... { characterised by its molecular weight}
B29K 2423/0666	.... { ULMWPE, i.e. ultra low molecular weight polyethylene}
B29K 2423/0675	.... { HMWPE, i.e. high molecular weight polyethylene}
B29K 2423/0683	.... { UHMWPE, i.e. ultra high molecular weight polyethylene}
B29K 2423/0691	... { PEX, i.e. crosslinked polyethylene}
B29K 2423/08	.. { Use of copolymers of ethylene as filler (as such <a href="#">C08L 23/08</a> ; <b>B29K 423/16</b> takes precedence)}
B29K 2423/083	... { EVA, i.e. ethylene vinyl acetate copolymer}
B29K 2423/086	... { EVOH, i.e. ethylene vinyl alcohol copolymer}
B29K 2423/10	. { Polymers of propylene (as such <a href="#">C08L 23/10</a> )}
B29K 2423/12	.. { PP, i.e. polypropylene (as such <a href="#">C08L 23/12</a> )}
B29K 2423/14	.. { Copolymers of polypropylene (as such <a href="#">C08L 23/14</a> ; <b>B29K 423/16</b> takes precedence)}
B29K 2423/16	. { EPM, i.e. ethylene-propylene copolymers; EPDM, i.e. ethylene-propylene-diene

- copolymers; EPT, i.e. ethylene-propylene terpolymers (as such [C08L 23/16](#))}
- B29K 2423/18 . { Polymers of hydrocarbons having four or more carbon atoms, e.g. polymers of butylene (e.g. PB, i.e. polybutylene)(as such [C08L 23/18](#))}
- B29K 2423/22 . . { Copolymers of isobutene, e.g. butyl rubber (as such [C08L 23/22](#))}
- B29K 2423/38 . { Polymers of cycloalkenes, e.g. norbornene, cyclopentene}
- B29K 2425/00 Use of polymers of vinyl-aromatic compounds { or derivatives thereof} as filler {(as such [C08L 25/00](#))}**
- B29K 2425/04 . { Polymers of styrene (as such [C08L 25/04](#))}
- B29K 2425/06 . . { PS, i.e. polystyrene (as such [C08L 25/06](#))}
- B29K 2425/08 . . { Copolymers of styrene, e.g. AS or SAN, i.e. acrylonitrile styrene (as such [C08L 25/08](#); [B29K 455/02](#) takes precedence)}
- B29K 2427/00 Use of polyvinylhalogenides { or derivatives thereof} as filler {(as such [C08L 27/00](#))}**
- B29K 2427/06 . { PVC, i.e. polyvinylchloride (as such [C08L 27/06](#))}
- B29K 2427/08 . { PVDC, i.e. polyvinylidene chloride (as such [C08L 27/08](#))}
- B29K 2427/12 . containing fluorine {(as such [C08L 27/12](#))}
- B29K 2427/14 . . { PVF, i.e. polyvinyl fluoride (as such [C08L 27/14](#))}
- B29K 2427/16 . . { PVDF, i.e. polyvinylidene fluoride (as such [C08L 27/16](#))}
- B29K 2427/18 . . PTFE, i.e. polytetrafluorethene {(as such [C08L 27/18](#)), e.g. ePTFE, i.e. expanded polytetrafluorethene, Gore Tex (R)}
- B29K 2429/00 Use of polyvinylalcohols, polyvinylethers, polyvinylaldehydes, polyvinylketones or polyvinylketals { or derivatives thereof}, as filler {(as such [C08L 29/00](#))}**
- B29K 2429/04 . { PVOH, i.e. polyvinyl alcohol (as such [C08L 29/04](#); **B29K 431/04** takes precedence)}
- B29K 2429/14 . { Polyvinylacetals}
- B29K 2431/00 Use of polyvinylesters { or derivatives thereof} as filler {(as such [C08L 31/00](#))}**
- B29K 2431/04 . { Polymers of vinyl acetate, e.g. PVAc, i.e. polyvinyl acetate (as such [C08L 31/04](#))}
- B29K 2433/00 Use of polymers of unsaturated acids or derivatives thereof as filler {(as such [C08L 33/00](#))}**([B29K 435/00](#) takes precedence)
- B29K 2433/04 . Polymers of esters {(as such [C08L 33/04](#))}
- B29K 2433/08 . . { Polymers of acrylic acid esters, e.g. PMA, i.e. polymethylacrylate (as such [C08L 33/08](#))}
- B29K 2433/12 . . { Polymers of methacrylic acid esters, e.g. PMMA, i.e. polymethylmethacrylate (as

such [C08L 33/12](#)}}

B29K 2433/18 . Polymers of nitriles {(as such [C08L 33/18](#))}

B29K 2433/20 . . PAN, i.e. polyacrylonitrile {(as such [C08L 33/20](#))}

**B29K 2435/00 Use of polymers of unsaturated polycarboxylic acids { or derivatives thereof} as filler {(as such [C08L 35/00](#))}**

**B29K 2439/00** { Use of polymers with unsaturated aliphatic radicals and with a nitrogen or a heterocyclic ring containing nitrogen in a side chain or derivatives thereof, as filler (as such [C08L 39/00](#))}

B29K 2439/06 . { Polymers of N-vinyl-pyrrolidones (as such [C08L 39/06](#))}

B29K 2439/08 . { Polymers of vinyl-pyridine (as such [C08L 39/08](#))}

**B29K 2445/00 Use of polymers of unsaturated cyclic compounds having no unsaturated aliphatic groups in a side-chain, e.g. coumarone-indene resins { or derivatives thereof}, as filler {(as such [C08L 45/00](#))}**

**B29K 2449/00** { Use of polyacetylene or cyanic ester resins, i.e. polymers having one or more carbon-to-carbon triple bonds or derivatives thereof, as filler (as such [C08L 49/00](#))}

**B29K 2455/00 Use of specific polymers obtained by polymerisation reactions only involving carbon-to-carbon unsaturated bonds, not provided for in a single one of main groups [B29K 23/00](#) to {[B29K 49/00](#), e.g. having a vinyl group}, as filler {(as such [C08L 55/00](#))}**

B29K 2455/02 . ABS polymers, i.e. acrylonitrile-butadiene-styrene polymers {(as such [C08L 55/02](#))}

**B29K 2459/00 Use of polyacetals { e.g. POM, i.e. polyoxymethylene; or derivatives thereof} , as filler {(as such [C08L 59/00](#))}**

**B29K 2461/00 Use of condensation polymers of aldehydes or ketones { or derivatives thereof} , as filler {(as such [C08L 61/00](#))}**

B29K 2461/04 . Phenoplasts {(as such [C08L 61/04](#))}

B29K 2461/20 . Aminoplasts {(as such [C08L 61/20](#))}

**B29K 2463/00 Use of { EP, i.e.} epoxy resins { or derivatives thereof} as filler {(as such [C08L 63/00](#))}**

**B29K 2465/00** { Use of polyphenylenes (as such [C08L 65/02](#)) or polyxylylenes (as such [C08L 65/04](#)), as filler }

<b>B29K 2467/00</b>	<b>Use of polyesters {or derivatives thereof} as filler {(as such <a href="#">C08L 67/00</a>)}</b>
B29K 2467/003	. { PET, i.e. poylethylene terephthalate}
B29K 2467/006	. { PBT, i.e. polybutylene terephthalate}
B29K 2467/04	. { Polyesters derived from hydroxycarboxylic acids (as such <a href="#">C08L 67/04</a> )}
B29K 2467/043	.. { PGA, i.e. polyglycolic acid or polyglycolide}
B29K 2467/046	.. { PLA, i.e. polylactic acid or polylactide}
B29K 2467/06	. { Unsaturated polyesters (as such <a href="#">C08L 67/06</a> )}
<b>B29K 2469/00</b>	<b>Use of { PC, i.e.} polycarbonates { or derivatives thereof} as filler {(as such <a href="#">C08L 69/00</a>)}</b>
<b>B29K 2471/00</b>	<b>Use of polyethers, { e.g. PEEK, i.e. polyether-etherketone or PEK, i.e. polyetherketone or derivatives thereof}, as filler {(as such <a href="#">C08L 71/00</a>)}</b>
B29K 2471/02	. { Polyalkylene oxides, e.g. PEO, i.e. polyethylene oxide or derivatives thereof (as such <a href="#">C08L 71/02</a> )}
B29K 2471/12	. { PPO, i.e. polyphenylene oxide (as such <a href="#">C08L 71/12</a> ); PPE, i.e. polyphenylene ether}
<b>B29K 2473/00</b>	<b>Use of other polymers having oxygen as the only hetero atom in the main chain, as filler {(as such <a href="#">C08L 73/00</a>)}</b>
<b>B29K 2475/00</b>	<b>Use of { PU, i.e.} polyureas or polyurethanes { or derivatives thereof}, as filler {(as such <a href="#">C08L 75/00</a>)}</b>
B29K 2475/02	. Polyureas {(as such <a href="#">C08L 75/02</a> )}
<b>B29K 2477/00</b>	<b>Use of { PA, i.e.} polyamides, e.g. polyesteramides { or derivatives thereof}, as filler [(as such <a href="#">C08L 77/00</a>)]</b>
B29K 2477/10	. { Aromatic polyamides (Polyaramides) or derivatives thereof (as such <a href="#">C08L 77/10</a> )}
<b>B29K 2479/00</b>	<b>Use of polymers having nitrogen, with or without oxygen, or carbon only, in the main chain { not provided for in groups <a href="#">B29K 461/00</a> to <a href="#">B29K 477/00</a>}, as filler{(as such <a href="#">C08L 79/00</a>)}</b>
B29K 2479/08	. { PI, i.e. polyimides or derivatives thereof (as such <a href="#">C08L 79/08</a> )}
B29K 2479/085	.. { Thermoplastic polyimides, e.g. polyesterimides, polyetherimides (PEI), polyamideimides; Derivatives thereof}
<b>B29K 2481/00</b>	<b>Use of polymers having sulfur, with or without nitrogen, oxygen, or carbon only, in</b>

**the main chain, as filler {(as such [C08L 81/00](#))}**

- B29K 2481/04 . { Polysulfides, e.g. PPS, i.e. polyphenylene sulfide or derivatives thereof (as such [C08L 81/04](#))}
- B29K 2481/06 . { PSU, i.e. polysulfones; PES, i.e. polyethersulfones or derivatives thereof (as such [C08L 81/06](#))}
- B29K 2483/00** **Use of polymers having silicon, with or without sulfur, nitrogen, oxygen, or carbon only, in the main chain, as filler {(as such [C08L 83/00](#))}**
- B29K 2483/005 . { Liquid Silicone Rubbers (LSR) or derivatives thereof}
- B29K 2485/00** **Use of polymers having other elements { than silicon, sulfur, nitrogen, oxygen, and carbon} in the main chain, as filler {(as such [C08L 85/00](#))}**
- B29K 2486/00** **Use of specific polymers obtained by polycondensation or polyaddition, not provided for in a single one of main groups [B29K 459/00](#) to [B29K 485/00](#), as filler**
- B29K 2489/00** { Use of proteins, e.g. casein, gelatine or derivatives thereof, as filler (as such [C08L 89/00](#))}
- B29K 2491/00** **Use of waxes as filler {(as such [C08L 91/06](#))}**
- B29K 2493/00** { Use of natural resins (as such [C08L 93/00](#)), e.g. shellac (as such [C08L 93/02](#)) or derivatives thereof, as filler ([B29K 401/00](#), **B29K 403/00**, **B29K 405/00**, [B29K 407/00](#) and **B29K 489/00** take precedence)}
- B29K 2495/00** **Use of bituminous materials, as filler {(as such [C08L 95/00](#))}**
- B29K 2496/00** **Use of specified macromolecular materials not provided for in a single one of main groups [B29K 401/00](#)-[B29K 495/00](#) , as filler**
- B29K 2496/005 . { Ionomers}
- B29K 2496/02 . Graft polymers ([B29K 455/02](#) takes precedence)
- B29K 2496/04 . Block polymers ([B29K 455/02](#) takes precedence)
- B29K 2501/00** **Use of unspecified macromolecular compounds as filler (unspecified rubbers [B29K 421/00](#)){(as such [C08L 101/00](#))}**
- B29K 2501/10 . Thermosetting resins
- B29K 2501/12 . Thermoplastic materials

**B29K 2503/00      Use of resin-bonded materials as filler**

- B29K 2503/04      .    Inorganic materials
- B29K 2503/06      . .    Metal powders, metal carbides or the like
- B29K 2503/08      . .    Mineral aggregates, e.g. sand, clay or the like

**B29K 2505/00      Use of metals, their alloys or their compounds, as filler****NOTE**

- B29K 2505/02      .    Aluminium
- B29K 2505/04      .    Lead
- B29K 2505/06      .    Tin
- B29K 2505/08      .    Transition metals
- B29K 2505/10      . .    Copper
- B29K 2505/12      . .    Iron
- B29K 2505/14      . .    { Noble metals, e.g. Silver, Gold, Platinum }

**B29K 2507/00      Use of elements other than metals as filler**

- B29K 2507/02      .    Boron
- B29K 2507/04      .    Carbon
- B29K 2507/045    . .    { Diamond }

**B29K 2509/00      Use of inorganic materials not provided for in groups [B29K 503/00-B29K 507/00](#), as filler**

- B29K 2509/02      .    Ceramics
- B29K 2509/04      . .    Carbides; Nitrides
- B29K 2509/06      .    Concrete
- B29K 2509/08      .    Glass
- B29K 2509/10      .    Mica
- B29K 2509/12      .    Asbestos
- B29K 2509/14      .    { Stones }

**B29K 2511/00** Use of natural products or their composites, not provided for in groups [B29K 401/00-B29K 509/00](#), as filler

- B29K 2511/02 . Cork
- B29K 2511/04 . Linoleum
- B29K 2511/06 . Bone, horn, ivory
- B29K 2511/08 . Leather
- B29K 2511/10 . Natural fibres, e.g. wool, cotton
- B29K 2511/12 . Paper, e.g. cardboard
- B29K 2511/123 . . { Coated}
- B29K 2511/126 . . { Impregnated}
- B29K 2511/14 . Wood, e.g. woodboard, fibreboard

**B29K 2601/00** Use of cellulose, modified cellulose or cellulose derivatives, e.g. viscose, for preformed parts, e.g. inserts {(as such [C08L 1/00](#))}

**NOTE**

- B29K 2601/08 . { Cellulose derivatives (as such [C08L 1/08](#))}
- B29K 2601/12 . . { Cellulose acetate (as such [C08L 1/12](#))}
- B29K 2601/14 . . { Cellulose acetate-butyrate (as such [C08L 1/14](#))}
- B29K 2601/18 . . { Cellulose nitrate (as such [C08L 1/18](#))}

**B29K 2603/00** Use of { starch or derivatives for preformed parts, e.g. inserts (as such [C08L 3/00](#))}

**B29K 2605/00** { Polysaccharides or derivatives (as such [C08L 5/00](#))}

**B29K 2607/00** Use of natural rubber for preformed parts, e.g. inserts {(as such [C08L 7/00](#))}

**B29K 2609/00** Use of rubber derived from conjugated dienes for preformed parts, e.g. inserts {(as such [C08L 9/00](#))}

- B29K 2609/06 . { SBR}, i.e. butadiene-styrene { rubbers (as such [C08L 9/06](#))}

**B29K 2611/00** Use of { rubber derived from chloroprene for preformed parts, e.g. inserts (as such [C08L 11/00](#))}

<b>B29K 2619/00</b>	<b>Use of rubber not provided for in a single one of main groups <a href="#">B29K 607/00</a> to <a href="#">B29K 611/00</a> , for preformed parts, e.g. inserts</b>
<b>B29K 2621/00</b>	<b>Use of { unspecified rubbers for preformed parts, e.g. inserts (as such <a href="#">C08L 21/00</a>)}</b>
B29K 2621/003	. Thermoplastic elastomers
B29K 2621/006	. Thermosetting elastomers
<b>B29K 2623/00</b>	<b>Use of polyalkenes { or derivatives thereof} for preformed parts, e.g. inserts {(as such <a href="#">C08L 23/00</a>)}</b>
B29K 2623/04	. { Polymers of ethylene (as such <a href="#">C08L 23/04</a> )}
B29K 2623/06	.. { PE, i.e. polyethylene (as such <a href="#">C08L 23/06</a> )}
B29K 2623/0608	... { characterised by its density}
B29K 2623/0616	.... { VLDPE, i.e. very low density polyethylene}
B29K 2623/0625	.... { LLDPE, i.e. linear low density polyethylene}
B29K 2623/0633	.... { LDPE, i.e. low density polyethylene}
B29K 2623/0641	.... { MDPE, i.e. medium density polyethylene}
B29K 2623/065	.... { HDPE, i.e. high density polyethylene}
B29K 2623/0658	... { characterised by its molecular weight}
B29K 2623/0666	.... { ULMWPE, i.e. ultra low molecular weight polyethylene}
B29K 2623/0675	.... { HMWPE, i.e. high molecular weight polyethylene}
B29K 2623/0683	.... { UHMWPE, i.e. ultra high molecular weight polyethylene}
B29K 2623/0691	... { PEX, i.e. crosslinked polyethylene}
B29K 2623/08	.. { Use of copolymers of ethylene for preformed parts, e.g. inserts (as such <a href="#">C08L 23/08</a> ; <b>B29K 623/16</b> takes precedence)}
B29K 2623/083	... { EVA, i.e. ethylene vinyl acetate copolymer}
B29K 2623/086	... { EVOH, i.e. ethylene vinyl alcohol copolymer}
B29K 2623/10	. { Polymers of propylene (as such <a href="#">C08L 23/10</a> )}
B29K 2623/12	.. { PP, i.e. polypropylene (as such <a href="#">C08L 23/12</a> )}
B29K 2623/14	.. { Copolymers of polypropylene (as such <a href="#">C08L 23/14</a> ; <b>B29K 623/16</b> takes precedence)}
B29K 2623/16	. { EPM, i.e. ethylene-propylene copolymers; EPDM, i.e. ethylene-propylene-diene copolymers; EPT, i.e. ethylene-propylene terpolymers (as such <a href="#">C08L 23/16</a> )}
B29K 2623/18	. { Polymers of hydrocarbons having four or more carbon atoms, e.g. polymers of butylene (e.g. PB, i.e. polybutylene)(as such <a href="#">C08L 23/18</a> )}
B29K 2623/22	.. { Copolymers of isobutene, e.g. butyl rubber (as such <a href="#">C08L 23/22</a> )}
B29K 2623/38	. { Polymers of cycloalkenes, e.g. norbornene, cyclopentene}



<b>B29K 2625/00</b>	<b>Use of polymers of vinyl-aromatic compounds { or derivatives thereof} for preformed parts, e.g. inserts {(as such <a href="#">C08L 25/00</a>)}</b>
B29K 2625/04	. { Polymers of styrene (as such <a href="#">C08L 25/04</a> )}
B29K 2625/06	.. { PS, i.e. polystyrene (as such <a href="#">C08L 25/06</a> )}
B29K 2625/08	.. { Copolymers of styrene, e.g. AS or SAN, i.e. acrylonitrile styrene (as such <a href="#">C08L 25/08</a> ; <a href="#">B29K 655/02</a> takes precedence)}
<b>B29K 2627/00</b>	<b>Use of polyvinylhalogenides { or derivatives thereof} for preformed parts, e.g. inserts {(as such <a href="#">C08L 27/00</a>)}</b>
B29K 2627/06	. { PVC, i.e. polyvinylchloride (as such <a href="#">C08L 27/06</a> )}
B29K 2627/08	. { PVDC, i.e. polyvinylidene chloride (as such <a href="#">C08L 27/08</a> )}
B29K 2627/12	. containing fluorine {(as such <a href="#">C08L 27/12</a> )}
B29K 2627/14	.. { PVF, i.e. polyvinyl fluoride (as such <a href="#">C08L 27/14</a> )}
B29K 2627/16	.. { PVDF, i.e. polyvinylidene fluoride (as such <a href="#">C08L 27/16</a> )}
B29K 2627/18	.. PTFE, i.e. polytetrafluorethene {(as such <a href="#">C08L 27/18</a> ), e.g. ePTFE, i.e. expanded polytetrafluorethene, Gore Tex (R)}
<b>B29K 2629/00</b>	<b>Use of polyvinylalcohols, polyvinylethers, polyvinylaldehydes, polyvinylketones or polyvinylketals { or derivatives thereof}, for preformed parts, e.g. inserts {(as such <a href="#">C08L 29/00</a>)}</b>
B29K 2629/04	. { PVOH, i.e. polyvinyl alcohol (as such <a href="#">C08L 29/04</a> ; <b>B29K 631/04</b> takes precedence)}
B29K 2629/14	. { Polyvinylacetals}
<b>B29K 2631/00</b>	<b>Use of polyvinylesters { or derivatives thereof} for preformed parts, e.g. inserts {(as such <a href="#">C08L 31/00</a>)}</b>
B29K 2631/04	. { Polymers of vinyl acetate, e.g. PVAc, i.e. polyvinyl acetate (as such <a href="#">C08L 31/04</a> )}
<b>B29K 2633/00</b>	<b>Use of polymers of unsaturated acids or derivatives thereof for preformed parts, e.g. inserts {(as such <a href="#">C08L 33/00</a>)}(<a href="#">B29K 635/00</a> takes precedence)</b>
B29K 2633/04	. Polymers of esters {(as such <a href="#">C08L 33/04</a> )}
B29K 2633/08	.. { Polymers of acrylic acid esters, e.g. PMA, i.e. polymethylacrylate (as such <a href="#">C08L 33/08</a> )}
B29K 2633/12	.. { Polymers of methacrylic acid esters, e.g. PMMA, i.e. polymethylmethacrylate (as such <a href="#">C08L 33/12</a> )}
B29K 2633/18	. Polymers of nitriles {(as such <a href="#">C08L 33/18</a> )}
B29K 2633/20	.. PAN, i.e. polyacrylonitrile {(as such <a href="#">C08L 33/20</a> )}

- B29K 2633/26** . { Polymers of acrylamide or methacrylamide (as such [C08L 33/26](#)) }
- B29K 2635/00** **Use of polymers of unsaturated polycarboxylic acids { or derivatives thereof} for preformed parts, e.g. inserts {(as such [C08L 35/00](#))}**
- B29K 2639/00** { Use of polymers with unsaturated aliphatic radicals and with a nitrogen or a heterocyclic ring containing nitrogen in a side chain or derivatives thereof, for preformed parts, e.g. inserts (as such [C08L 39/00](#)) }
- B29K 2639/06** . { Polymers of N-vinyl-pyrrolidones (as such [C08L 39/06](#)) }
- B29K 2639/08** . { Polymers of vinyl-pyridine (as such [C08L 39/08](#)) }
- B29K 2645/00** **Use of polymers of unsaturated cyclic compounds having no unsaturated aliphatic groups in a side-chain, e.g. coumarone-indene resins { or derivatives thereof}, for preformed parts, e.g. inserts {(as such [C08L 45/00](#))}**
- B29K 2649/00** { Use of polyacetylene or cyanic ester resins, i.e. polymers having one or more carbon-to-carbon triple bonds or derivatives thereof, for preformed parts, e.g. inserts (as such [C08L 49/00](#)) }
- B29K 2655/00** **Use of specific polymers obtained by polymerisation reactions only involving carbon-to-carbon unsaturated bonds, not provided for in a single one of main groups [B29K 623/00](#) to {[B29K 649/00](#), e.g. having a vinyl group}, for preformed parts, e.g. inserts {(as such [C08L 55/00](#))}**
- B29K 2655/02** . ABS polymers, i.e. acrylonitrile-butadiene-styrene polymers {(as such [C08L 55/02](#)) }
- B29K 2659/00** **Use of polyacetals { e.g. POM, i.e. polyoxymethylene; or derivatives thereof} , for preformed parts, e.g. inserts {(as such [C08L 59/00](#))}**
- B29K 2661/00** **Use of condensation polymers of aldehydes or ketones { or derivatives thereof} , for preformed parts, e.g. inserts {(as such [C08L 61/00](#))}**
- B29K 2661/04** . Phenoplasts {(as such [C08L 61/04](#)) }
- B29K 2661/20** . Aminoplasts {(as such [C08L 61/20](#)) }
- B29K 2663/00** **Use of { EP, i.e. } epoxy resins { or derivatives thereof} for preformed parts, e.g. inserts {(as such [C08L 63/00](#))}**
- B29K 2665/00** { Use of polyphenylenes (as such [C08L 65/02](#)) or polyxylylenes (as such [C08L 65/04](#)), for preformed parts, e.g. inserts }
- B29K 2667/00** **Use of polyesters {or derivatives thereof} for preformed parts, e.g. inserts {(as such**

[C08L 67/00](#)}}

- B29K 2667/003 . { PET, i.e. poylethylene terephthalate}
- B29K 2667/006 . { PBT, i.e. polybutylene terephthalate}
- B29K 2667/04 . { Polyesters derived from hydroxycarboxylic acids (as such [C08L 67/04](#))}
- B29K 2667/043 . . { PGA, i.e. polyglycolic acid or polyglycolide}
- B29K 2667/046 . . { PLA, i.e. polylactic acid or polylactide}
- B29K 2667/06 . { Unsaturated polyesters (as such [C08L 67/06](#))}
- B29K 2669/00** **Use of { PC, i.e.} polycarbonates { or derivatives thereof} for preformed parts, e.g. inserts {(as such [C08L 69/00](#))}**
- B29K 2671/00** **Use of polyethers, { e.g. PEEK, i.e. polyether-etherketone or PEK, i.e. polyetherketone or derivatives thereof}, for preformed parts, e.g. inserts {(as such [C08L 71/00](#))}**
- B29K 2671/02 . { Polyalkylene oxides, e.g. PEO, i.e. polyethylene oxide or derivatives thereof (as such [C08L 71/02](#))}
- B29K 2671/12 . { PPO, i.e. polyphenylene oxide (as such [C08L 71/12](#)); PPE, i.e. polyphenylene ether}
- B29K 2673/00** **Use of other polymers having oxygen as the only hetero atom in the main chain, for preformed parts, e.g. inserts {(as such [C08L 73/00](#))}**
- B29K 2675/00** **Use of { PU, i.e.} polyureas or polyurethanes { or derivatives thereof}, for preformed parts, e.g. inserts {(as such [C08L 75/00](#))}**
- B29K 2675/02 . Polyureas {(as such [C08L 75/02](#))}
- B29K 2677/00** **Use of { PA, i.e.} polyamides, e.g. polyesteramides { or derivatives thereof} , for preformed parts, e.g. inserts [(as such [C08L 77/00](#))]**
- B29K 2677/10 . { Aromatic polyamides (Polyaramides) or derivatives thereof (as such [C08L 77/10](#))}
- B29K 2679/00** **Use of polymers having nitrogen, with or without oxygen, or carbon only, in the main chain { not provided for in groups [B29K 661/00](#) to [B29K 677/00](#)}, for preformed parts, e.g. inserts{(as such [C08L 79/00](#))}**
- B29K 2679/08 . { PI, i.e. polyimides or derivatives thereof (as such [C08L 79/08](#))}
- B29K 2679/085 . . { Thermoplastic polyimides, e.g. polyesterimides, polyetherimides (PEI), polyamideimides; Derivatives thereof}
- B29K 2681/00** **Use of polymers having sulfur, with or without nitrogen, oxygen, or carbon only, in**

the main chain, for preformed parts, e.g. inserts {(as such [C08L 81/00](#))}

- B29K 2681/04 . { Polysulfides, e.g. PPS, i.e. polyphenylene sulfide or derivatives thereof (as such [C08L 81/04](#))}
- B29K 2681/06 . { PSU, i.e. polysulfones; PES, i.e. polyethersulfones or derivatives thereof (as such [C08L 81/06](#))}
- B29K 2683/00** **Use of polymers having silicon, with or without sulfur, nitrogen, oxygen, or carbon only, in the main chain, for preformed parts, e.g. inserts {(as such [C08L 83/00](#))}**
- B29K 2683/005 . { Liquid Silicone Rubbers (LSR) or derivatives thereof}
- B29K 2685/00** **Use of polymers having other elements { than silicon, sulfur, nitrogen, oxygen, and carbon} in the main chain, for preformed parts, e.g. inserts {(as such [C08L 85/00](#))}**
- B29K 2686/00** **Use of specific polymers obtained by polycondensation or polyaddition, not provided for in a single one of main groups [B29K 659/00](#) to [B29K 685/00](#), for preformed parts, e.g. inserts**
- B29K 2689/00** { Use of proteins, e.g. casein, gelatine or derivatives thereof, for preformed parts, e.g. inserts (as such [C08L 89/00](#))}
- B29K 2691/00** **Use of waxes for preformed parts, e.g. inserts {(as such [C08L 91/06](#))}**
- B29K 2693/00** { Use of natural resins (as such [C08L 93/00](#)), e.g. shellac (as such [C08L 93/02](#)) or derivatives thereof, for preformed parts, e.g. inserts ([B29K 601/00](#), **B29K 603/00**, **B29K 605/00**, [B29K 607/00](#) and **B29K 689/00** take precedence)}
- B29K 2695/00** **Use of bituminous materials, for preformed parts, e.g. inserts {(as such [C08L 95/00](#))}**
- B29K 2696/00** **Use of specified macromolecular materials not provided for in a single one of main groups [B29K 601/00](#)-[B29K 695/00](#), for preformed parts, e.g. inserts**
- B29K 2696/005 . { Ionomers}
- B29K 2696/02 . Graft polymers ([B29K 655/02](#) takes precedence)
- B29K 2696/04 . Block polymers ([B29K 655/02](#) takes precedence)
- B29K 2701/00** **Use of unspecified macromolecular compounds for preformed parts, e.g. inserts (unspecified rubbers [B29K 621/00](#)){(as such [C08L 101/00](#))}**
- B29K 2701/10 . { Thermosetting resins}

B29K 2701/12 . { Thermoplastic materials}

**B29K 2703/00 Use of resin-bonded materials for preformed parts, e.g. inserts**

B29K 2703/04 . Inorganic materials

B29K 2703/06 . . Metal powders, metal carbides or the like

B29K 2703/08 . . Mineral aggregates, e.g. sand, clay or the like

**B29K 2705/00 Use of metals, their alloys or their compounds, for preformed parts, e.g. for inserts**

**NOTE**

B29K 2705/02 . Aluminium

B29K 2705/04 . Lead

B29K 2705/06 . Tin

B29K 2705/08 . Transition metals

B29K 2705/10 . . Copper

B29K 2705/12 . . Iron

B29K 2705/14 . . { Noble metals, e.g. Silver, Gold, Platinum}

**B29K 2707/00 Use of elements other than metals for preformed parts, e.g. for inserts**

B29K 2707/02 . Boron

B29K 2707/04 . Carbon

B29K 2707/045 . . { Diamond}

**B29K 2709/00 Use of inorganic materials not provided for in groups **B29K 603/00** - [B29K 607/00](#), for preformed parts, e.g. for inserts**

B29K 2709/02 . Ceramics

B29K 2709/04 . . Carbides; Nitrides

B29K 2709/06 . Concrete

B29K 2709/08 . Glass

B29K 2709/10 . Mica

B29K 2709/12 . Asbestos

B29K 2709/14 . { Stones}

**B29K 2711/00** Use of natural products or their composites, not provided for in groups [B29K 601/00-B29K 709/00](#), for preformed parts, e.g. for inserts

- B29K 2711/02 . Cork
- B29K 2711/04 . Linoleum
- B29K 2711/06 . Bone, horn, ivory
- B29K 2711/08 . Leather
- B29K 2711/10 . Natural fibres, e.g. wool, cotton
- B29K 2711/12 . Paper, e.g. cardboard
- B29K 2711/123 . . { Coated}
- B29K 2711/126 . . { Impregnated}
- B29K 2711/14 . Wood, e.g. woodboard, fibreboard

**B29K 2713/00** { Textile products, fabrics ([B29K 105/06](#) takes precedence)}

- B29K 2713/005 . { Fleece }
- B29K 2713/02 . { coated }

**NOTE**

**B29K 2715/00** { Condition, form or state of preformed parts, e.g. inserts}

- B29K 2715/003 . { Cellular or porous}
- B29K 2715/006 . { Glues, adhesives, e.g. hot melts, thermofusible adhesives}

**B29K 2801/00** { Use of cellulose, modified cellulose or cellulose derivatives, e.g. viscose, as mould material (as such [C08L 1/00](#))}

- B29K 2801/08 . { Cellulose derivatives (as such [C08L 1/08](#))}
- B29K 2801/12 . . { Cellulose acetate (as such [C08L 1/12](#))}
- B29K 2801/14 . . { Cellulose acetate-butyrate (as such [C08L 1/14](#))}
- B29K 2801/18 . . { Cellulose nitrate (as such [C08L 1/18](#))}

**B29K 2803/00** { Use of starch or derivatives as mould material (as such [C08L 3/00](#))}

**B29K 2805/00** { Polysaccharides or derivatives (as such [C08L 5/00](#))}

<b>B29K 2807/00</b>	{ Use of natural rubber as mould material (as such <a href="#">C08L 7/00</a> )}
<b>B29K 2809/00</b>	{ Use of rubber derived from conjugated dienes as mould material (as such <a href="#">C08L 9/00</a> )}
B29K 2809/06	. { SBR}, i.e. butadiene-styrene { rubbers (as such <a href="#">C08L 9/06</a> )}
<b>B29K 2811/00</b>	{ Use of rubber derived from chloroprene as mould material (as such <a href="#">C08L 11/00</a> )}
<b>B29K 2819/00</b>	{ Use of rubber not provided for in a single one of main groups <b>B29K 807/00</b> to <b>B29K 811/00</b> , as mould material}
<b>B29K 2821/00</b>	{ Use of unspecified rubbers as mould material (as such <a href="#">C08L 21/00</a> )}
B29K 2821/003	. { Thermoplastic elastomers}
B29K 2821/006	. { Thermosetting elastomers}
<b>B29K 2823/00</b>	{ Use of polyalkenes or derivatives thereof as mould material (as such <a href="#">C08L 23/00</a> )}
B29K 2823/04	. { Polymers of ethylene (as such <a href="#">C08L 23/04</a> )}
B29K 2823/06	.. { PE, i.e. polyethylene (as such <a href="#">C08L 23/06</a> )}
B29K 2823/0608	... { characterised by its density}
B29K 2823/0616	.... { VLDPE, i.e. very low density polyethylene}
B29K 2823/0625	.... { LLDPE, i.e. linear low density polyethylene}
B29K 2823/0633	.... { LDPE, i.e. low density polyethylene}
B29K 2823/0641	.... { MDPE, i.e. medium density polyethylene}
B29K 2823/065	.... { HDPE, i.e. high density polyethylene}
B29K 2823/0658	... { characterised by its molecular weight}
B29K 2823/0666	.... { ULMWPE, i.e. ultra low molecular weight polyethylene}
B29K 2823/0675	.... { HMWPE, i.e. high molecular weight polyethylene}
B29K 2823/0683	.... { UHMWPE, i.e. ultra high molecular weight polyethylene}
B29K 2823/0691	... { PEX, i.e. crosslinked polyethylene}
B29K 2823/08	.. { Use of copolymers of ethylene as mould material (as such <a href="#">C08L 23/08</a> ; <b>B29K 823/16</b> takes precedence)}
B29K 2823/083	... { EVA, i.e. ethylene vinyl acetate copolymer}
B29K 2823/086	... { EVOH, i.e. ethylene vinyl alcohol copolymer}
B29K 2823/10	. { Polymers of propylene (as such <a href="#">C08L 23/10</a> )}
B29K 2823/12	.. { PP, i.e. polypropylene (as such <a href="#">C08L 23/12</a> )}
B29K 2823/14	.. { Copolymers of polypropylene (as such <a href="#">C08L 23/14</a> ; <b>B29K 823/16</b> takes precedence)}
B29K 2823/16	. { EPM, i.e. ethylene-propylene copolymers; EPDM, i.e. ethylene-propylene-diene

- copolymers; EPT, i.e. ethylene-propylene terpolymers (as such [C08L 23/16](#))}
- B29K 2823/18 . { Polymers of hydrocarbons having four or more carbon atoms, e.g. polymers of butylene (e.g. PB, i.e. polybutylene)(as such [C08L 23/18](#))}
- B29K 2823/22 . . { Copolymers of isobutene, e.g. butyl rubber (as such [C08L 23/22](#))}
- B29K 2823/38 . { Polymers of cycloalkenes, e.g. norbornene, cyclopentene}
- B29K 2825/00** { Use of polymers of vinyl-aromatic compounds or derivatives thereof as mould material (as such [C08L 25/00](#))}
- B29K 2825/04 . { Polymers of styrene (as such [C08L 25/04](#))}
- B29K 2825/06 . . { PS, i.e. polystyrene (as such [C08L 25/06](#))}
- B29K 2825/08 . . { Copolymers of styrene, e.g. AS or SAN, i.e. acrylonitrile styrene (as such [C08L 25/08](#); **B29K 855/02** takes precedence)}
- B29K 2827/00** { Use of polyvinylhalogenides or derivatives thereof as mould material [N: (as such [C08L 27/00](#))}
- B29K 2827/06 . { PVC, i.e. polyvinylchloride (as such [C08L 27/06](#))}
- B29K 2827/08 . { PVDC, i.e. polyvinylidene chloride (as such [C08L 27/08](#))}
- B29K 2827/12 . { containing fluorine (as such [C08L 27/12](#))}
- B29K 2827/14 . . { PVF, i.e. polyvinyl fluoride (as such [C08L 27/14](#))}
- B29K 2827/16 . . { PVDF, i.e. polyvinylidene fluoride (as such [C08L 27/16](#))}
- B29K 2827/18 . . { PTFE, i.e. polytetrafluorethene (as such [C08L 27/18](#)), e.g. ePTFE, i.e. expanded polytetrafluorethene, Gore Tex (R)}
- B29K 2829/00** { Use of polyvinylalcohols, polyvinylethers, polyvinylaldehydes, polyvinylketones or polyvinylketals or derivatives thereof, as mould material [N: (as such [C08L 29/00](#))}
- B29K 2829/04 . { PVOH, i.e. polyvinyl alcohol (as such [C08L 29/04](#); **B29K 831/04** takes precedence)}
- B29K 2829/14 . { Polyvinylacetals}
- B29K 2831/00** { Use of polyvinylesters { or derivatives thereof} as mould material (as such [C08L 31/00](#))}
- B29K 2831/04 . { Polymers of vinyl acetate, e.g. PVAc, i.e. polyvinyl acetate (as such [C08L 31/04](#))}
- B29K 2833/00** { Use of polymers of unsaturated acids or derivatives thereof as mould material (as such [C08L 33/00](#))(**B29K 835/00** takes precedence)}
- B29K 2833/04 . {Polymers of esters (as such [C08L 33/04](#))}
- B29K 2833/08 . . { Polymers of acrylic acid esters, e.g. PMA, i.e. polymethylacrylate (as such [C08L 33/08](#))}



- B29K 2833/12 . . { Polymers of methacrylic acid esters, e.g. PMMA, i.e. polymethylmethacrylate (as such [C08L 33/12](#))}
- B29K 2833/18 . { Polymers of nitriles (as such [C08L 33/18](#))}
- B29K 2833/20 . . { PAN, i.e. polyacrylonitrile (as such [C08L 33/20](#))}
- B29K 2833/26 . { Polymers of acrylamide or methacrylamide (as such [C08L 33/26](#))}
- B29K 2835/00** { use of polymers of unsaturated polycarboxylic acids or derivatives thereof **as mould material** (as such [C08L 35/00](#))}
- B29K 2839/00** { Use of polymers with unsaturated aliphatic radicals and with a nitrogen or a heterocyclic ring containing nitrogen in a side chain or derivatives thereof, as mould material (as such [C08L 39/00](#))}
- B29K 2839/06 . { Polymers of N-vinyl-pyrrolidones (as such [C08L 39/06](#))}
- B29K 2839/08 . { Polymers of vinyl-pyridine (as such [C08L 39/08](#))}
- B29K 2845/00** { Use of polymers of unsaturated cyclic compounds having no unsaturated aliphatic groups in a side-chain, e.g. coumarone-indene resins or derivatives thereof, as mould material (as such [C08L 45/00](#))}
- B29K 2849/00** { Use of polyacetylene or cyanic ester resins, i.e. polymers having one or more carbon-to-carbon triple bonds or derivatives thereof, as mould material (as such [C08L 49/00](#))}
- B29K 2855/00** { Use of specific polymers obtained by polymerisation reactions only involving carbon-to-carbon unsaturated bonds, not provided for in a single one of main groups **B29K 823/00** to **B29K 849/00**, e.g. having a vinyl group}, **as mould material** (as such [C08L 55/00](#))}
- B29K 2855/02 . { ABS polymers, i.e. acrylonitrile-butadiene-styrene polymers (as such [C08L 55/02](#))}
- B29K 2859/00** { Use of polyacetals e.g. POM, i.e. polyoxymethylene; or derivatives thereof , as mould material (as such [C08L 59/00](#))}
- B29K 2861/00** { Use of condensation polymers of aldehydes or ketones or derivatives thereof, as mould material (as such [C08L 61/00](#))}
- B29K 2861/04 . { Phenoplasts (as such [C08L 61/04](#))}
- B29K 2861/20 . { Aminoplasts (as such [C08L 61/20](#))}
- B29K 2863/00** { Use of EP, i.e. epoxy resins or derivatives thereof as mould material (as such [C08L 63/00](#))}

B29K 2865/00	{ Use of polyphenylenes (as such <a href="#">C08L 65/02</a> ) or polyxylylenes (as such <a href="#">C08L 65/04</a> ), as mould material}
B29K 2867/00	{ Use of polyesters or derivatives thereof as mould material (as such <a href="#">C08L 67/00</a> )}
B29K 2867/003	. { PET, i.e. poylethylene terephthalate}
B29K 2867/006	. { PBT, i.e. polybutylene terephthalate}
B29K 2867/04	. { Polyesters derived from hydroxycarboxylic acids (as such <a href="#">C08L 67/04</a> )}
B29K 2867/043	. . { PGA, i.e. polyglycolic acid or polyglycolide}
B29K 2867/046	. . { PLA, i.e. polylactic acid or polylactide}
B29K 2867/06	. { Unsaturated polyesters (as such <a href="#">C08L 67/06</a> )}
B29K 2869/00	{ Use of PC, i.e. polycarbonates or derivatives thereof as mould material (as such <a href="#">C08L 69/00</a> )}
B29K 2871/00	{ Use of polyethers, e.g. PEEK, i.e. polyether-etherketone or PEK, i.e. polyetherketone or derivatives thereof}, <b>as mould material</b> (as such <a href="#">C08L 71/00</a> )
B29K 2871/02	. { Polyalkylene oxides, e.g. PEO, i.e. polyethylene oxide or derivatives thereof (as such <a href="#">C08L 71/02</a> )}
B29K 2871/12	. { PPO, i.e. polyphenylene oxide (as such <a href="#">C08L 71/12</a> ); PPE, i.e. polyphenylene ether}
B29K 2873/00	{ use of other polymers having oxygen as the only hetero atom in the main chain, as mould material (as such <a href="#">C08L 73/00</a> )}
B29K 2875/00	{ Use of PU, i.e. polyureas or polyurethanes or derivatives thereof, as mould material (as such <a href="#">C08L 75/00</a> )}
B29K 2875/02	. { Polyureas (as such <a href="#">C08L 75/02</a> )}
B29K 2877/00	{ Use of PA, i.e.} <b>polyamides, e.g. polyesteramides or derivatives thereof, as mould material</b> [(as such <a href="#">C08L 77/00</a> )]
B29K 2877/10	. { Aromatic polyamides (Polyaramides) or derivatives thereof (as such <a href="#">C08L 77/10</a> )}
B29K 2879/00	{ Use of polymers having nitrogen, with or without oxygen, or carbon only, in the main chain not provided for in groups <b>B29K 861/00</b> to <b>B29K 877/00</b> }, <b>as mould material</b> {(as such <a href="#">C08L 79/00</a> )}
B29K 2879/08	. { PI, i.e. polyimides or derivatives thereof (as such <a href="#">C08L 79/08</a> )}
B29K 2879/085	. . { Thermoplastic polyimides, e.g. polyesterimides, polyetherimides (PEI),

polyamideimides; Derivatives thereof}

- B29K 2881/00** { Use of polymers having sulfur, with or without nitrogen, oxygen, or carbon only, in the main chain, as mould material (as such [C08L 81/00](#))}
- B29K 2881/04** . { Polysulfides, e.g. PPS, i.e. polyphenylene sulfide or derivatives thereof (as such [C08L 81/04](#))}
- B29K 2881/06** . { PSU, i.e. polysulfones; PES, i.e. polyethersulfones or derivatives thereof (as such [C08L 81/06](#))}
- B29K 2883/00** { Use of polymers having silicon, with or without sulfur, nitrogen, oxygen, or carbon only, in the main chain, as mould material (as such [C08L 83/00](#))}
- B29K 2883/005** . { Liquid Silicone Rubbers (LSR) or derivatives thereof}
- B29K 2885/00** { Use of polymers having other elements { than silicon, sulfur, nitrogen, oxygen, and carbon} in the main chain, as mould material (as such [C08L 85/00](#))}
- B29K 2886/00** { Use of specific polymers obtained by polycondensation or polyaddition, not provided for in a single one of main groups **B29K 859/00** to **B29K 885/00**, as mould material}
- B29K 2889/00** { Use of proteins, e.g. casein, gelatine or derivatives thereof, as mould material (as such [C08L 89/00](#))}
- B29K 2891/00** { Use of waxes as mould material (as such [C08L 91/06](#))}
- B29K 2893/00** { Use of natural resins (as such [C08L 93/00](#)), e.g. shellac (as such [C08L 93/02](#)) or derivatives thereof, as mould material (**B29K 801/00**, **B29K 803/00**, **B29K 805/00**, **B29K 807/00** and **B29K 889/00** take precedence)}
- B29K 2895/00** { Use of bituminous materials, as mould material [N: (as such [C08L 95/00](#))}
- B29K 2896/00** { Use of specified macromolecular materials not provided for in a single one of main groups **B29K 801/00**-**B29K 895/00**, as mould material}
- B29K 2896/005** . { Ionomers}
- B29K 2896/02** . { Graft polymers (**B29K 855/02** takes precedence)}
- B29K 2896/04** . { Block polymers (**B29K 855/02** takes precedence)}
- B29K 2901/00** { Use of unspecified macromolecular compounds as mould material (unspecified rubbers **B29K 821/00**)(as such [C08L 101/00](#))}

B29K 2901/10	. { Thermosetting resins}
B29K 2901/12	. { Thermoplastic materials}
<b>B29K 2903/00</b>	{ Use of resin-bonded materials as mould material}
B29K 2903/04	. { Inorganic materials}
B29K 2903/06	.. {Metal powders, metal carbides or the like }
B29K 2903/08	.. { Mineral aggregates, e.g. sand, clay or the like}
<b>B29K 2905/00</b>	{ Use of metals, their alloys or their compounds, as mould material}

**NOTE**

B29K 2905/02	. { Aluminium}
B29K 2905/04	. { Lead}
B29K 2905/06	. { Tin}
B29K 2905/08	. { Transition metals}
B29K 2905/10	.. { Copper}
B29K 2905/12	.. { iron}
B29K 2905/14	.. {Noble metals, e.g. Silver, Gold, Platinum}

<b>B29K 2907/00</b>	{Use of elements other than metals as mould material}
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B29K 2907/02	. {Boron}
B29K 2907/04	. { Carbon}
B29K 2907/045	.. { Diamond}

<b>B29K 2909/00</b>	{Use of inorganic materials not provided for in groups <b>B29K 803/00-B29K 807/00</b> , as mould material}
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B29K 2909/02	. {Ceramics}
B29K 2909/04	.. {Carbides; Nitrides}
B29K 2909/06	. {Concrete}
B29K 2909/08	. {Glass}
B29K 2909/10	. { Mica}
B29K 2909/12	. { Asbestos}

B29K 2909/14	. { Stones}
<b>B29K 2911/00</b>	{Use of natural products or their composites, not provided for in groups <b>B29K 801/00-B29K 809/00</b> , as mould material}
B29K 2911/02	. { Cork}
B29K 2911/04	. { Linoleum}
B29K 2911/06	. { Bone, horn, ivory}
B29K 2911/08	. { Leather}
B29K 2911/10	. { Natural fibres, e.g. wool, cotton}
B29K 2911/12	. { Paper, e.g. cardboard}
B29K 2911/123	.. { Coated}
B29K 2911/126	.. { Impregnated}
B29K 2911/14	. { Wood, e.g. woodboard, fibreboard}
<b>B29K 2913/00</b>	{ Textile products, fabrics}
B29K 2913/02	. { coated}
<b>B29K 2995/00</b>	{ Properties of moulding materials, reinforcements, fillers, preformed parts or moulds}
B29K 2995/0001	. { having particular accoustical properties}
B29K 2995/0002	.. { insulating}
B29K 2995/0003	. { having particular electrical or magnetic properties, e.g. piezoelectric}
B29K 2995/0005	.. { Conductive}
B29K 2995/0006	.. { Dielectric}
B29K 2995/0007	.. { Insulating}
B29K 2995/0008	.. { Magnetic, paramagnetic}
B29K 2995/001	.. { Electrostatic}
B29K 2995/0011	.. { Electromagnetic wave shielding material}
B29K 2995/0012	. { having particular thermal properties}
B29K 2995/0013	.. { Conductive}
B29K 2995/0015	.. { Insulating}
B29K 2995/0016	.. { Non-inflammable, resistant to heat}
B29K 2995/0017	.. { Heat stable}
B29K 2995/0018	. { having particular optical properties, e.g. fluorescent, phosphorescent}

B29K 2995/002	..	{ Coloured}
B29K 2995/0021	...	{ Multi-coloured}
B29K 2995/0022	..	{ Bright, glossy, shiny surface}
B29K 2995/0024	..	{ Matt surface}
B29K 2995/0025	..	{ Opaque}
B29K 2995/0026	..	{ Transparent}
B29K 2995/0027	...	{ for light outside the visible spectrum}
B29K 2995/0029	..	{ Translucent}
B29K 2995/003	..	{ Reflective}
B29K 2995/0031	..	{ Refractive}
B29K 2995/0032	...	{ Birefringent}
B29K 2995/0034	..	{ Polarising}
B29K 2995/0035	..	{ Fluorescent}
B29K 2995/0036	..	{ Electroluminescent}
B29K 2995/0037	.	{ Other properties}
B29K 2995/0039	..	{ Amorphous}
B29K 2995/004	..	{ Semi-crystalline}
B29K 2995/0041	..	{ Crystalline}
B29K 2995/0043	...	{ non-uniform}
B29K 2995/0044	..	{ Anisotropic}
B29K 2995/0045	..	{ Isotropic}
B29K 2995/0046	..	{ Elastic}
B29K 2995/0048	..	{ Without internal tensions}
B29K 2995/0049	..	{ Heat shrinkable}
B29K 2995/005	..	{ Oriented}
B29K 2995/0051	...	{ mono-axially}
B29K 2995/0053	...	{ bi-axially}
B29K 2995/0054	...	{ multi-axially}
B29K 2995/0055	..	{ Resistive to light}
B29K 2995/0056	..	{ Biocompatible, e.g. biopolymers, bioelastomers (bio-degradable B29K 995/00F14B)}
B29K 2995/0058	..	{ Inert to chemical degradation}
B29K 2995/0059	..	{ Degradable}
B29K 2995/006	...	{ Bio-degradable, e.g. bioabsorbable, bioresorbable or bioerodible}
B29K 2995/0062	...	{ water-soluble}
B29K 2995/0063	..	{ Density}
B29K 2995/0064	...	{ Non-uniform density}
B29K 2995/0065	..	{ Permeability to gases}
B29K 2995/0067	...	{ non-permeable}
B29K 2995/0068	..	{ Permeability to liquids, adsorption}
B29K 2995/0069	...	{ non-permeable}

B29K 2995/007	..	{ Hardness}
B29K 2995/0072	..	{ Roughness, e.g. anti-slip}
B29K 2995/0073	...	{ smooth}
B29K 2995/0074	...	{ patterned, grained}
B29K 2995/0075	...	{ flocked}
B29K 2995/0077	..	{ Yield strength; Tensile strength}
B29K 2995/0078	..	{ Shear strength}
B29K 2995/0079	..	{ Torsion strength; Torsion stiffness }
B29K 2995/0081	..	{ Tear strength }
B29K 2995/0082	..	{ Flexural strength; Flexion stiffness }
B29K 2995/0083	..	{ Creep }
B29K 2995/0084	..	{ Cryogenic properties }
B29K 2995/0086	..	{ Fatigue strength }
B29K 2995/0087	..	{ Wear resistance }
B29K 2995/0088	..	{ Molecular weight }
B29K 2995/0089	..	{ Impact strength, toughness }
B29K 2995/0091	..	{ Damping, energy absorption }
B29K 2995/0092	..	{ hydrophilic}
B29K 2995/0093	..	{ hydrophobic}
B29K 2995/0094	..	{ Geometrical properties }
B29K 2995/0096	...	{ Dimensional stability }
B29K 2995/0097	...	{ Thickness}
B29K 2995/0098	..	{ Peel strength, peelable}