

ECLA EUROPEAN CLASSIFICATION

D06N

WALL, FLOOR OR LIKE COVERING MATERIALS, e.g. LINOLEUM, OILCLOTH, ARTIFICIAL LEATHER, ROOFING FELT, CONSISTING OF A FIBROUS WEB COATED WITH A LAYER OF MACROMOLECULAR MATERIAL; FLEXIBLE SHEET MATERIAL NOT OTHERWISE PROVIDED FOR (laminates in general B32B; coated webs which retain the character of paper or cardboard D21)

[N: **WARNING** [C1208]

The following IPC groups are not used in the internal ECLA classification scheme. Subject matter covered by these groups is classified in the following ECLA groups:

D06N7/02	covered by	D06M, D06N
D06N7/04	" "	D06M, D06N
D06N7/06	" "	D06M, D06N

]

Note

Layered products classified in this subclass are also classified in subclass B32B.

D06N1/00

Linoleum [N: e.g. linoxyn, polymerised or oxidised resin] [C9603]

D06N3/00

Artificial leather, oilcloth or [N: other] material obtained by covering fibrous webs with macromolecular material, e.g. resins, rubber or derivatives thereof [C1202]

D06N3/00B

. [N: characterised by the substrate] [C1207]

D06N3/00B2

. . [N: using ultra-fine two-component fibres, e.g. island/sea, or ultra-fine one component fibres (< 1 denier)] [C1207]

D06N3/00B3

. . [N: using woven fabrics] [N1202]

D06N3/00B4

. . [N: using knitted fabrics] [C1202]

D06N3/00B5

. . [N: using non-woven fabrics] [N1202]

D06N3/00B6

. . [N: using multilayer webs] [C1202]

D06N3/00B8

. . [N: using fibres of specified chemical or physical nature, e.g. natural silk]

D06N3/00B8B

. . . [N: Collagen fibres or collagen on fibres]

D06N3/00B8D

. . . [N: Asbestos fibres]

D06N3/00B8E

. . . [N: Glass fibres]

D06N3/00B8G

. . . [N: Rubber threads; Elastomeric fibres; Stretchable, bulked or crimped fibres; Retractable, crimpable fibres; Shrinking or stretching of fibres during manufacture; Obliquely threaded fabrics] [C1202]

D06N3/00B8G1

. . . . [N: Rubber or elastomeric fibres] [N1204]

[N: **WARNING** [N1207]

Groups [D06N3/00B8G1-D06N3/00B8G3](#) are not complete, pending reorganisation. See also [D06N3/00B8G](#)

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D06N3/00B8G2

. . . . [N: Stretchable fibres; Stretching of fibres during manufacture] [N1204]

- D06N3/00B8G3 [N: Retractable fibres; Shrinking of fibres during manufacture] [N1204]
- D06N3/00B8H . . . [N: Polyamide fibres (for elastomeric fibres [D06N3/00B8G](#))] [N1202]
- D06N3/00B8J . . . [N: Polyester fibres (for elastomeric fibres [D06N3/00B8G](#))] [N1202]
- D06N3/00B8K . . . [N: Polyolefin fibres (for elastomeric fibres [D06N3/00B8G](#))] [N1202]
- D06N3/00B10 . . [N: using flocked webs or pile fabrics upon which a resin is applied; Teasing, raising web before resin application]

- D06N3/00D . . [N: characterised by their foraminous structure; Characteristics of the foamed layer or of cellular layers (foraminous structure obtained by stretching [D06N3/00B8G2](#))] [C1207]
- D06N3/00D2 . . [N: obtained by applying a ready-made foam layer; obtained by compressing, crinkling or crushing a foam layer, e.g. Kaschierverfahren für Schaumschicht]
- D06N3/00D3 . . [N: obtained by incorporating air, i.e. froth] [N1204]
- D06N3/00D4 . . [N: obtained by blowing or swelling agent]
- D06N3/00D6 . . [N: obtained by leaching out of a compound, e.g. water soluble salts, fibres or fillers; obtained by freezing or sublimation; obtained by eliminating drops of sublimable fluid]
- D06N3/00D8 . . [N: obtained by mechanical perforations]

- D06N3/00E . . [N: characterised by the compounding ingredients of the macro-molecular coating ([D06N3/00D4](#) takes precedence)] [C1207]
- D06N3/00E2 . . [N: Organic ingredients with special effects, e.g. oil- or water-repellent, antimicrobial, flame-resistant, magnetic, bactericidal, odour-influencing agents; perfumes ([D06N3/00E8](#) takes precedence)] [C1207]
- D06N3/00E4 . . [N: Organic fillers or organic fibrous fillers, e.g. ground leather waste, wood bark, cork powder, vegetable flour; Other organic compounding ingredients; Post-treatment with organic compounds]
- D06N3/00E6 . . [N: Inorganic compounding ingredients, e.g. metals, carbon fibres, Na₂CO₃, metal layers; Post-treatment with inorganic compounds]
- D06N3/00E8 . . [N: Organic pigments, e.g. dyes, brighteners] [C1202]
- D06N3/00E10 . . [N: Polymeric granules, particles or powder, e.g. core-shell particles, microcapsules] [N1204]

- D06N3/00F . . [N: characterised by mechanical or physical treatments ([D06N3/00B8G2](#), [D06N3/00B8G3](#) take precedence)] [C1207]
- D06N3/00F2 . . [N: Slicing; Manufacturing two webs at one time]
- D06N3/00F4 . . [N: Napping, teasing, raising or abrading of the resin coating (raising, napping of the web before coating [D06N3/00B10](#))]
- D06N3/00F6 . . [N: Embossing; Pressing of the surface; Tumbling and crumbling; Cracking; Cooling; Heating, e.g. mirror finish]
- D06N3/00F8 . . [N: Suction, vacuum treatment]
- D06N3/00F10 . . [N: by wave energy or particle radiation ([D06N3/08](#) takes precedence)] [C1202]
- D06N3/00F12 . . [N: by electrical processes, e.g. potentials, corona discharge, electrophoresis, electrolytic]

- D06N3/00G . . [N: characterised by the application technique]
- D06N3/00G2 . . [N: by directly applying the resin ([D06N3/00D2](#) takes precedence)] [C1202]
- D06N3/00G2B . . . [N: by spraying components on the web (powder [D06N3/00G2D](#))]
- D06N3/00G2D . . . [N: by applying resin powders; by sintering]

- D06N3/00G4 . . [N: by inversion technique; by transfer processes]
- D06N3/00G4B . . . [N: Release surface, e.g. separation sheets; Silicone papers]
- D06N3/02 . with cellulose derivatives
- D06N3/04 . with macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds
- D06N3/04B . . [N: Acrylic polymers ([D06N3/04D](#) takes precedence)] [C1207]
- D06N3/04D . . [N: with polyolefin or polystyrene (co-)polymers] [C1202]
- D06N3/04F . . [N: with fluoropolymers]
- D06N3/06 . . with polyvinylchloride or its copolymerisation products [N: (surface treatment or foaming for floor coverings [D06N7/00B2](#))]
- D06N3/06B . . . [N: PVC together with other resins except polyurethanes (with polyurethanes [D06N3/14D4](#))]
- D06N3/08 . . . with a finishing layer consisting of polyacrylates, polyamides or polyurethanes [N: or polyester] [C9809]
- D06N3/10 . . with styrene-butadiene copolymerisation products [N: or other synthetic rubbers or elastomers except polyurethanes] [C1207]
- D06N3/10B . . . [N: Thermosetting synthetic rubbers] [N1204]
- D06N3/10D . . . [N: Elastomers] [N1204]
- D06N3/12 . with macromolecular compounds obtained otherwise than by reactions only involving carbon-to-carbon unsaturated bonds, [N: e.g. gelatine proteins]
- D06N3/12B . . [N: with polyesters, polycarbonates, alkyds (oils [D06N3/16](#))]
- D06N3/12B2 . . . [N: with polyesters] [N1204]
- D06N3/12D . . [N: with polyamides]
- D06N3/12D2 . . . [N: Poly-amino acids, e.g. polyglutamates]
- D06N3/12F . . [N: with silicon polymers]
- D06N3/14 . . with polyurethanes
- D06N3/14B . . . [N: mixture of two or more polyurethanes in the same layer] [C1207]
- D06N3/14D . . . [N: mixture of polyurethanes with other resins in the same layer] [C1207]
- D06N3/14D2 [N: with polyurethanes and other polycondensation or polyaddition products, e.g. aminoplast]
- D06N3/14D4 [N: with polyurethane and polymerisation products, e.g. acrylics, PVC]
- D06N3/14E . . . [N: two or more layers of polyurethanes]
- D06N3/14G . . . [N: characterised by the macromolecular diols used]
- D06N3/14H . . . [N: characterised by the isocyanates used]
- D06N3/14H2 [N: (cyclo)aliphatic polyisocyanates]
- D06N3/16 . with oil varnishes [N: i.e. drying oil varnishes, preferably linseed-oil-based; factice (sulfurised oils), Turkish birdlime, resinates reacted with drying oils; naphthenic metal salts]
- D06N3/18 . with two layers of different macromolecular materials ([D06N3/08](#) takes precedence); [N: (with two layers of the same kind of macromolecular material [N06N213/03](#))] [C1207]
- D06N3/18B . . [N: the layers are one next to the other] [N1204]

- [N: **WARNING** [N1207]
Groups [D06N3/18B](#) and [D06N3/18D](#) are not complete, pending reorganisation.
See also [D06N3/18](#)
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- [D06N3/18D](#) . . [N: one of the layers is on one surface of the fibrous web and the other layer is on the other surface of the fibrous web] [N1204]
- [D06N5/00](#) [N: Roofing materials comprising a fibrous web coated with bitumen or another polymer, e.g. pitch (compositions of bituminous materials [C08L95/00](#), roof covering [E04D5/00](#), roofing underlays [E04D12/00B](#))] [C1202]
- [D06N5/00B](#) . [N: coated with bitumen] [N1202]
- [D06N5/00B2](#) . . [N: characterised by the means to apply it to a support or to another roofing membrane, e.g. self-adhesive layer or strip] [N1202]
- [D06N7/00](#) **Flexible sheet materials not otherwise provided for, e.g. textile threads, filaments, yarns or tow, glued on macromolecular material, [N: e.g. fibrous top layer with resin backing, plastic naps or dots on fabrics]**
- [D06N7/00A](#) . [N: Wallpaper or wall covering on textile basis] [N1202]
- [N: **WARNING** [N1207]
groups [D06N7/00A](#), [D06N7/00D-D06N7/00F](#) are not complete, pending reorganisation. See also [D06N7/00](#)
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- [D06N7/00B](#) . [N: Floor covering on textile basis comprising a fibrous substrate being coated with at least one layer of a polymer on the top surface] [C1207]
- [D06N7/00B2](#) . . [N: characterised by their relief structure]
- [D06N7/00B2B](#) . . . [N: obtained by mechanical embossing]
- [D06N7/00B2D](#) . . . [N: obtained by chemical embossing (chemisches Prägen)]
- [D06N7/00B2D2](#) [N: use of inhibitor for the blowing agent or inhibitor for the kicker e.g. trimellitic anhydride, triazole]
- [D06N7/00B2D4](#) [N: use of kicker for the blowing agent, e.g. Beschleunigungsverfahren]
- [D06N7/00B2D6](#) [N: use of a swelling agent]
- [D06N7/00B2E](#) . . . [N: obtained by physical means, e.g. differential heating or differential irradiation; masking certain areas during treating]
- [D06N7/00B2G](#) . . . [N: obtained by moulding, e.g. moulding table (tapis moule)]
- [D06N7/00B4](#) . . [N: characterised by colour effects, e.g. craquelè, reducing gloss (terrazzo by sintering [D06N7/00B8G](#))]
- [D06N7/00B4B](#) . . . [N: mixture of two or more dyes, pigments, brighteners in the same layer]
- [D06N7/00B4D](#) . . . [N: two or more different colour layers]
- [D06N7/00B6](#) . . [N: characterised by their backing, e.g. secondary backing, back-sizing] [C1207]
- [D06N7/00B8](#) . . [N: characterised by the physical or chemical aspects of the layers]
- [D06N7/00B8B](#) . . . [N: Conductive or insulating layers; Antistatic layers; Flame-proof layers] [C1202]
- [D06N7/00B8D](#) . . . [N: Sealing or barrier layers, e.g. against solvents, asphalt, plasticisers]
- [D06N7/00B8E](#) . . . [N: Special extra layers under the surface coating, e.g. wire threads]

- D06N7/00B8E2 [N: Fibrous layer(s); Fibre reinforcement; Fibrous fillers]
- D06N7/00B8F [N: Compounding ingredients, e.g. rigid elements (compounding ingredients of the macromolecular coating [D06N3/00E](#))] [C1207]
- D06N7/00B8F4 [N: Particulate material such as cork, rubber particles, reclaimed resin particles, magnetic particles, metal particles, glass beads]
- D06N7/00B8G [N: Layers obtained by sintering or glueing the granules together]
- D06N7/00B10 . . . [N: characterised by the textile substrate as base web (for intermediate fibrous webs [D06N7/00B8E2](#))]

- D06N7/00C . . [N: Floor covering on textile basis comprising a fibrous top layer being coated at the back with at least one polymer layer, e.g. carpets, rugs, synthetic turf] [N1202]
- [N: **WARNING** [N1207]
Groups [D06N7/00C](#)-[D06N7/00C3E](#) are not complete, pending reorganisation. See also [D06N7/00B6](#)]
- D06N7/00C1 . . [N: characterised by the pile] [N1202]
- [N: **WARNING** [N1207]
Groups [D06N7/00C1](#), [D06N7/00C2](#) are not complete, pending reorganisation. See also [D06N7/00B10](#)]
- D06N7/00C2 . . [N: characterised by the primary backing or the fibrous top layer] [N1202]
- D06N7/00C3 . . [N: characterised by their backing, e.g. pre-coat, back coating, secondary backing, cushion backing] [N1204]
- D06N7/00C3A . . . [N: the back coating or pre-coat being applied as an aqueous dispersion or latex] [N1204]
- D06N7/00C3B . . . [N: the back coating or pre-coat being a thermoplastic material applied by e.g. extrusion coating, powder coating or laminating a thermoplastic film] [N1204]
- D06N7/00C3C . . . [N: the back coating or pre-coat being applied as a hot melt] [N1204]
- D06N7/00C3D . . . [N: with at least one extra fibrous layer at the backing, e.g. stabilizing fibrous layer, fibrous secondary backing] [N1202]
- D06N7/00C3E . . . [N: with at least one layer obtained by sintering or bonding granules together] [N1202]
- D06N7/00C3F . . . [N: characterised by the cushion backing, e.g. foamed polyurethane] [N1204]
- D06N7/00C4 . . [N: Underlays] [N1202]

- D06N7/00D . . [N: Non-continuous polymer coating on the fibrous substrate, e.g. plastic dots on fabrics] [N1202]

- D06N7/00E . . [N: Fibrous material being coated on one surface with at least one layer of an inorganic material and at least one layer of a macromolecular material] [N1202]

- D06N7/00F . . [N: Web coated with fibres, e.g. flocked] [N1204]