

## ECLA EUROPEAN CLASSIFICATION

### C08C TREATMENT OR CHEMICAL MODIFICATION OF RUBBERS

[N: **WARNING**

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:

[C08C1/16](#) covered by [C08C1/14](#)  
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**Note**

This subclass includes:

- processes directed to natural rubber or to conjugated diene rubber (synthesis thereof [C08F](#))
- processes directed to rubbers in general (to a specified rubber, other than provided for by (a) above, [C08F](#) to [C08H](#))

#### C08C1/00 Treatment of rubber latex

- C08C1/02 . Chemical or physical treatment of rubber latex before or during concentration
- C08C1/04 . . Purifying; Deproteinising
- C08C1/06 . . Preservation of rubber latex ([preserving ingredients C08K](#))
- C08C1/065 . . Increasing the size of dispersed rubber particles
- C08C1/07 . . . characterised by the agglomerating agents used
- C08C1/075 . . Concentrating
- C08C1/08 . . . with the aid of creaming agents
- C08C1/10 . . . by centrifugation
- C08C1/12 . . . by evaporation
- C08C1/14 . Coagulation
- C08C1/14B . . [N: [Heat-sensitising agents](#)]
- C08C1/15 . . characterised by the coagulants used

#### C08C2/00 Treatment of rubber solutions

- C08C2/02 . Purification
- C08C2/04 . . Removal of catalyst residues
- C08C2/06 . Wining of rubber from solutions

#### C08C3/00 Treatment of coagulated rubber

- C08C3/02 . Purification

#### C08C4/00 Treatment of rubber before vulcanisation, not provided for in groups [C08C1/00](#) to

**C08C3/02****C08C19/00**

**Chemical modification of rubber** ([crosslinking agents](#), other than provided for by [C08C19/30](#), [C08K](#))

**Note**

In the absence of an indication to the contrary a process is classified in the last appropriate place

- C08C19/02 . Hydrogenation
- C08C19/04 . Oxidation
- C08C19/06 . . Epoxidation
- C08C19/08 . Depolymerisation
- C08C19/10 . Isomerisation; Cyclisation
- C08C19/12 . Incorporating halogen atoms into the molecule
- C08C19/14 . . by reaction with halogens
- C08C19/16 . . by reaction with hydrogen halides
- C08C19/18 . . by reaction with hydrocarbons substituted by halogen
- C08C19/20 . Incorporating sulfur atoms into the molecule
- C08C19/22 . Incorporating nitrogen atoms into the molecule
- C08C19/24 . Incorporating phosphorus atoms into the molecule
- C08C19/25 . Incorporating silicon atoms into the molecule
- C08C19/26 . Incorporating metal atoms into the molecule
- C08C19/28 . Reaction with compounds containing carbon-to-carbon unsaturated bonds ([graft polymers C08F](#))
- C08C19/30 . Addition of a reagent which reacts with a hetero atom or a group containing hetero atoms of the macromolecule
- C08C19/32 . . reacting with halogens or halogen-containing groups
- C08C19/34 . . reacting with oxygen or oxygen-containing groups
- C08C19/36 . . . with carboxy radicals
- C08C19/38 . . . with hydroxy radicals
- C08C19/40 . . . with epoxy radicals
- C08C19/42 . . reacting with metals or metal-containing groups
- C08C19/44 . . . of polymers containing metal atoms exclusively at one or both ends of the skeleton