

**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