

Technical Data Sheet

Product: SKI-3 Cis-Isoprene Synthetic Rubber

Description

SKI-3 cis-isoprene synthetic rubber is cis-1,4-polyisoprene obtained by polymerization of isoprene in solution using stereospecific catalyst based on titanium. The rubber is stabilized by staining antioxidant. Content of cis-1,4-units, min: 96%.

The monomers are registered under EU REACH.

Application

SKI-3 is used for manufacture of automobile, bicycle and motorcycle tires, industrial rubber goods

Specifications

Parameter	Value	Test Method
Mooney viscosity MML 1+4 (100°C)	75 – 83 (I group) 65 – 74 (II group)	ASTM D 1646
Mooney viscosity spread within a batch, units, max	5	-
Volatile matter content, %, max (1 hour)	0,6 – 1,4	ASTM D 5668
Stearic acid content, %	0,6 – 1,4	-
Ash content, %, max	0,5	ASTM D 5667
S789 antioxidant content, %, min	0,15	-

Packaging

SKI-3 is produced in the form of bales about 30 kg each, wrapped in polyethylene film. Packed in plastic box of 540 kg or plywood containers of 1,260 kg.

Storage and transportation

Rubber is stored indoors at a temperature not higher than +30 °C. During storage, the rubber must be protected from contamination, direct sunlight, and precipitation.