

# Technical Data Sheet

## Product: SKI-3S Cis-Isoprene Synthetic Rubber

### Description

SKI-3S 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 mixture of two non-staining antioxidants. Content of cis-1,4-units, min: 96%.

The monomers are registered under EU REACH.

### Application

SKI-3S is used for manufacture of auto tires for lining of side-frames as well as colored bicycle and motorcycle tires, and also in manufacture of colored rubber goods, non-colored industrial rubber goods used in manufacturing industry (rubber hoses, tubes, shoe soles).

### Specifications

Parameter	Value	Test Method
Mooney viscosity MML 1+4 (100°C)	72-88	ASTM D 1646
Mooney viscosity spread within a batch, units, max	5	-
Volatile matter content, %, max (1 hour)	0,8	ASTM D 5668
Stearic acid content, %	0,5 – 1,5	-
Ash content, %, max	0,35	ASTM D 5667
Mixture of antioxidants: Agidol-1 (BHT) content, % Tris (2,4-di-tert-butylphenyl) phosphite content, %	0,15 – 0,40 0,04 – 0,20	-

### Packaging

SKI-3S 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.