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Technical Data Sheet

Product: SBR-1502

In compliance with regulation (EC) № 1907/2006

Description

The synthetic butadiene-alpha-methylstyrene (styrene) rubber is produced by emulsion copolymerization of butadiene with alpha-methylstyrene (styrene) at low temperatures with an emulsifier. AO-6 (polyguard) is used as an antioxidant.

Applications

The SBR-1502 is designed to be used in the tire, mechanical rubber, and footwear industry.

Specifications

Parameter	Value
Mooney viscosity MB 1+4 (100 °C)	48-58
Viscosity lot spread, max.	+/-4
Conditional tensile strength, MPa (kgf/cm2), min.	26,5 (270)
Elongation at rupture, %	550
Rebound elasticity, %, min.	37
Mass fraction of ash, %, max.	0,8
Mass loss on drying, %, max.	0,4
Mass fraction of metals, %, max. • Cu • Fe	 0,0002 0,008
Mass fraction of the antioxidant AO-6 (polyguard), %	1,0 – 2,0
Mass fraction of organic acids, %	5,0 – 7,2
Mass fraction of organic acid soaps, %, max.	0,3
Mass fraction of the second bound monomer, % • alphamethylstyrene • styrene	 22 – 25 22 – 25

Manufacturer

Public Joint-Stock Company “Omsky kauchuk”

Packaging

The SBR-1502 is produced in the form of bales about 30 kg each, wrapped in polyethylene film. Packed in universal plywood containers (UPC). (See appendix)

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.

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Universal Plywood Container (UPC)

Characteristics:

- The plywood box is equipped with a laminated polypropylene fabric cover for cargo safety;
- The box is folding with a removable wall for easy unloading;
- Metal elements ensure container durability;
- The box is assembled manually without the need to use auxiliary materials or tools.

Parameters:

Tare Weight: 70 kg (± 5 kg)

Net weight: 1,260 kg (42 briquettes)

Gross Weight: 1,330 kg (42 briquettes)