SIBUR Synthetic Rubber SBR-1502

Emulsion Styrene Butadiene Rubber

SIBUR

Message:

Synthetic rubber SBR-1502 is is obtained by copolymerization of butadiene with a-methylstyrene at a temperature of (4-8)°C where used as emulsifier is a mixture of disproportionated rosin and synthetic fatty acid soaps or complex emulsifiers. Medium Mooney viscosity.
Product characteristics: Appearance - bale of light-yellow to brown color; weight of a bale - (30 ± 1) kg; packing - a plastic container; shelf life - one (1) year since the date of manufacture

General Information	
Additive	Oxidation resistance (1 to 2%) 2
Features	Copolymer Antioxidation Medium viscosity
Appearance	Brown Yellow
Forms	bag

Physical	Nominal Value	Unit	Test Method
Mooney Viscosity (ML 1+4, 100°C)	45 - 57	MU	ASTM D1646
Bound Styrene	21.0 - 24.0	%	Internal method
Organic Acid	5.0 - 7.2	%	ASTM D5774
Soap - Organic Acid		%	ASTM D5774
Ash Content		%	ASTM D5667
Volatile Matter		%	ASTM D5668

Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	> 9.80	MPa	ASTM D3185
Tensile Strength (Yield)	> 22.0	MPa	ASTM D3185
Tensile Elongation (Break)	400 - 650	%	ASTM D3185

Recommended distributors for this material

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