

SIBUR Synthetic Rubber SBS L 30-01A

Styrene Butadiene Styrene Block Copolymer

SIBUR

Message:

Linear styrene-butadiene thermoplastic elastomer SBS L 30-01A is essentially a product of styrene and butadiene block polymerization in hydrocarbon solution in the presence of alkylolithium catalyst. SBS L 30-01A is dusted with calcium stearate or amorphous silica

Product description:

Appearance - white to light-beige color;

Morphology - crumbs or powder;

Weight - 14-15 kg or 750-800 kg;

Packaging - pallets and soft bag-container (big bag);

Shelf life - one (1) year since the date of manufacture.

Application

Bitumen modification for road and roofing materials, plastic modification, in compounds for shoes, general mechanical rubber goods, in mastics and protective coatings

General Information			
Additive	Oxidation resistance (> 4000 ppm)		
Features	Block Copolymer		
	Antioxidation		
	Linear polymer structure		
Uses	Protective coating		
	Asphalt modification		
	Plastic modification		
	Footwear		
Appearance	White		
	Light beige		
Forms	Powder		
	Powder		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	< 1.0	g/10 min	ASTM D1238
Bound Styrene	28.5 - 31.5	%	Internal method
Ash Content		%	ASTM D5667
Volatile Matter		%	ASTM D5668
Solution viscosity-Toluene (25°C)	9.0 - 19	cSt	ASTM D445
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	80		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	2.70	MPa	ASTM D3182

Tensile Strength (Yield)	15.0	MPa	ASTM D3182
Tensile Elongation (Break)	700	%	ASTM D3182
Optical	Nominal Value	Unit	Test Method
Yellowness Index	< 10	YI	Internal method

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