

# SIBUR Synthetic Rubber SBS R 30-00A

Styrene Butadiene Styrene Block Copolymer

SIBUR

## Message:

Radial styrene-butadiene thermoplastic elastomer SBS R 30-00A is essentially a product of styrene and butadiene block polymerization in hydrocarbon solution in the presence of alkyllithium catalyst. SBS R 30-00A 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 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
	Branched polymer structure
Uses	Protective coating
	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)	25 - 35	cSt	ASTM D445
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	82		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	3.00	MPa	ASTM D3182
Tensile Strength (Yield)	21.0	MPa	ASTM D3182

Tensile Elongation (Break)	800	%	ASTM D3182
Optical	Nominal Value	Unit	Test Method
Yellowness Index	< 10	YI	Internal method

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