

SIBUR Synthetic Rubber DST-30-01

Styrene Butadiene Block Copolymer

SIBUR

Message:

Linear styrene-butadiene thermoplastic elastomer DST-30-01 is essentially a product of styrene and butadiene block polymerization in hydrocarbon solution in the presence of alkylolithium catalyst.

Product characteristics: Appearance - white to light-beige color; weight - 12kg or 750 kg; packing - cardboard box and soft bag-container (big bag); shelf life - one (1) year since the date of manufacture.

Application

Bitumen modification for road paving, plastic modification, in shoe compounds and different adhesives.

General Information	
Additive	Oxidation resistance (2000 to 5000 ppm) 2
Features	Antioxidation
	Linear polymer structure
Uses	Asphalt modification
	Plastic modification
	Footwear
	Adhesive
Appearance	White
	Light beige

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	< 1.0	g/10 min	Internal method
Bound Styrene	27.0 - 31.0	%	Internal method
Ash Content		%	Internal method
Volatile Matter		%	Internal method
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 19.6	MPa	Internal method
Tensile Elongation (Break)	> 650	%	Internal method

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