

SIBUR Synthetic Rubber DST-30R-01 Group 1

Styrene Butadiene Block Copolymer

SIBUR

Message:

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

Product characteristics: Appearance - white to light-beige color; weight - 12kg or 800 kg; packing - cardboard box and soft bag-container (big bag); shelf life - one (1) year since the date of manufacture.

Application

In industries dealing with production of general mechanical rubber goods, ribbon sealants; modification of bituminous roofing materials and plastics; in mastics, protective coatings, shoe compounds.

General Information	
Additive	Oxidation resistance (2000 to 5000 ppm) 2
Features	Antioxidation
	Branched polymer structure
Uses	Protective coating
	Sealant
	Plastic modification
	Footwear
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
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	< 85		Internal method
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 17.6	MPa	Internal method
Tensile Elongation (Break)	> 650	%	Internal method

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