

Kraton® D1101 J (SBS) Liner Block Copolymer

Category : Polymer , Thermoplastic , Styrene-Butadiene , Styrene/Butadiene/Styrene (SBS)

Material Notes:

Description: Kraton D1101 J is a clear, linear block copolymer based on styrene and butadiene with bound styrene of 31% mass. It is supplied from Japan in the physical form(s) outlined in the following grade nomenclature: D1101 JO - supplied as dusted crumb D1101 JU - supplied as undusted crumb D1101 JSM - supplied as powder dusted with amorphous silica
Region: Asia Pacific, Europe, Japan, North America and South America
Uses: Kraton D1101 J is used as a modifier of bitumen and polymers. It is also suitable as an ingredient in formulating compounds for footwear applications and may be used in formulating adhesives, sealants and coatings.
Applications: Adhesives, Sealant and Coatings; Bitumen Modification; Compounding and Personal Hygiene; Footwear; and Roads and Roofing
Information provided by Kraton®

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kraton-D1101-J-SBS-Liner-Block-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.940 g/cc	0.940 g/cc	
Volatiles	<= 1.0 % @Temperature 110 Â°C, Time 7200 sec	<= 1.0 % @Temperature 230 Â°F, Time 2.00 hour	
Viscosity	3000 - 5000 cP	3000 - 5000 cP	25% Toluene Solution at 25Â°C; KM 06
Melt Flow	<= 1.0 g/10 min	<= 1.0 g/10 min	ISO 37
Ash	>= 0.50 %	>= 0.50 %	JU; ISO 247
	>= 1.0 %	>= 1.0 %	JO; ISO 247
	>= 5.0 %	>= 5.0 %	JSM; ISO 247

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	72 @Time 30.0 sec	72 @Time 0.00833 hour	ISO 868
Tensile Strength	33.0 MPa	4790 psi	ISO 37
300% Modulus	0.00290 GPa	0.421 ksi	ISO 37

Descriptive Properties	Value	Comments
Content	Bound Styrene	31 percent

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