

Kraton® D1161 J (SIS) Linear Triblock Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Description: Kraton D1161 J Polymer is a clear, linear block copolymer based on styrene and isoprene with bound styrene of 15% mass. It is supplied from Japan in the physical form(s) identified in the grade nomenclature: D1161 JSP - supplied as dusted dense pelletsD1161 JS - supplied as dusted crumbD1161 JU - supplied as undusted crumbRegion: Japan Uses: Kraton D1161 J Polymer is used in formulating adhesives, sealants and coatings. It is also used as a modifier of bitumen and polymers and in formulating compounds.Applications: Adhesives, Sealant and Coatings; Compounding and Personal Hygiene; and Roads and RoofingInformation provided by Kraton®

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kraton-D1161-J-SIS-Linear-Triblock-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	
Volatiles	<= 1.0 % @Temperature 110 Â°C, Time 7200 sec	<= 1.0 % @Temperature 230 Â°F, Time 2.00 hour	
Viscosity	900 - 1700 cP	900 - 1700 cP	25% Toluene Solution at 25Â°C; KM 06
Melt Flow	1.3 - 3.7 g/10 min @Load 2.16 kg, Temperature 190 Â°C	1.3 - 3.7 g/10 min @Load 4.76 lb, Temperature 374 Â°F	ISO 1133
Ash	<= 1.0 %	<= 1.0 %	JU; ISO 247
	<= 1.0 %	<= 1.0 %	JSP; ISO 247
	<= 2.5 %	<= 2.5 %	JS; ISO 247

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	37 @Time 30.0 sec	37 @Time 0.00833 hour	ISO 7619
Tensile Strength	28.0 MPa	4060 psi	ISO 37
Elongation at Break	1300 %	1300 %	ISO 37
300% Modulus	0.000900 GPa	0.131 ksi	ISO 37

Descriptive Properties	Value	Comments
Content	Bound Styrene	15 percent

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