

Kraton® D1113 P (SIS) Linear Block Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Description: Kraton D1113 P is a clear, linear block copolymer based on styrene and isoprene with a polystyrene content of 16%. It is supplied from North America in the physical form identified: Kraton D1113 PT - supplied as a dusted dense pellet
Region: South America, Europe, Asia Pacific, North America, and Japan
Uses: Kraton D1113 P is used as an ingredient in formulating adhesives, sealants and coatings. It may also find use as a modifier of bitumen or thermoplastics and in compound formulations.
Applications: Adhesives, Sealant and Coatings; Compounding and Personal Hygiene; Impact Modification; Footwear; and Bitumen Modification
 Information provided by Kraton®

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kraton-D1113-P-SIS-Linear-Block-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	ASTM D4025
Volatiles	<= 0.50 %	<= 0.50 %	KM 04
Viscosity	470 - 890 cP	470 - 890 cP	25% Toluene Solution at 25Â°C; BAM 922
Melt Flow	24 g/10 min @Load 5.00 kg, Temperature 200 Â°C	24 g/10 min @Load 11.0 lb, Temperature 392 Â°F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	23 @Time 10.0 sec	23 @Time 0.00278 hour	Typical values on polymer compression molded at 300Â°F; ASTM D2240
Tensile Strength	4.14 MPa	600 psi	Typical properties on film cast from toluene solution; ASTM D412
Elongation at Break	1500 %	1500 %	Typical properties of film cast from toluene solution; ASTM D412
300% Modulus	0.000345 GPa	0.0500 ksi	Typical properties of film cast form toluene solution; ASTM D412

Chemical Properties	Metric	English	Comments
Diblock Content	56 %	56 %	

Descriptive Properties	Value	Comments
Content	Antioxidant	0.08-0.3%, KM 08
	Dust, Talc	0.3-0.4%, BAM 908

Descriptive Properties	Value	Comments
	tyrene	KM03
Styrene/Rubber Ratio	16/84	

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