KratonÂ® G1701 H (SEP) Linear Diblock Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Description: Kraton G1701 H is a clear, linear diblock copolymer based on styrene and ethylene/propylene with a polystyrene content of 37%. It is supplied from North America in the physical form identified: Kraton G1701 HU - supplied as a powder.Region: Asia Pacific, Europe, Japan, North America, and South AmericaUses: Kraton G1701 H 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; Compounding and Personal Hygiene; Packaging and Polymod; and Personal CareInformation provided by KratonÂ®

Order this product through the following link:
http://www.lookpolymers.com/polymer_Kraton-G1701-H-SEP-Linear-Diblock-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	ASTM D4025
Volatiles	<= 1.0 %	<= 1.0 %	BAM 907
Kinematic Viscosity at 100Â°C (212Â°F)	15 - 19 cSt	15 - 19 cSt	1.7%, ENJ404; BAM 1201
Melt Flow	<= 1.0 g/10 min @Load 5.00 kg, Temperature 230 Â°C	<= 1.0 g/10 min @Load 11.0 lb, Temperature 446 Â°F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	64 @Time 10.0 sec	64 @Time 0.00278 hour	Typical values on polymer compression molded at 350Â°F; ASTM D2240
Tensile Strength	2.07 MPa	300 psi	Typical properties of film cast from toluene solution; ASTM D412
Elongation at Break	>= 100 %	>= 100 %	Typical properties of film cast from toluene solution.; ASTM D412

Chemical Properties	Metric	English	Comments
Diblock Content	100 %	100 %	

Descriptive Properties	Value	Comments
Content	Non-staining phenolic antioxidant	0.03-0.2%, BAM 929
	Polystyrene	34.7-38.5%, Measured on the polymer before hydrogenation, BAM 919
	Total Extractables	<3.0%, BAM 1206

Descriptive Properties	Value	Comments
Styrene/Rubber Ratio	37/63	

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