Kraton® G1702 H (SEP) Linear Diblock Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Description: Kraton G1702 H is a clear, linear diblock copolymer based on styrene and ethylene/propylene with a polystyrene content of 28%. It is supplied from North America in the physical form identified: Kraton G1702 HU - supplied as a powderRegion: Asia Pacific, Europe, Japan, North America, and South AmericaUses: Kraton G1702 H 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; Packaging and Polymod; and Personal CareInformation provided by Kraton®

Order this product through the following link:
http://www.lookpolymers.com/polymer_Kraton-G1702-H-SEP-Linear-Diblock-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 g/cc	0.910 g/cc	ASTM D4025
Volatiles	<= 0.40 %	<= 0.40 %	KM 04
Kinematic Viscosity at 100°C (212°F)	18 - 22 cSt	18 - 22 cSt	1.7%, ENJ404; BAM 1201
Melt Flow	<= 1.0 g/10 min @Load 5.00 kg, Temperature 230 °C	<= 1.0 g/10 min @Load 11.0 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	41 @Time 10.0 sec	41 @Time 0.00278 hour	Typical values on polymer compression molded at 350°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%, KM 08
	Polystyrene	26.2-29%, Measured on the polymer before hydrogenation, KM 03
Styrene/Rubber Ratio	28/72	

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