

Kraton® G1651 H (SEBS) Linear Triblock Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Description: Kraton G1651 H is a clear, linear copolymer based on styrene and ethylene/butylene with a polystyrene content of 33%. It is supplied from North America in the physical form identified: Kraton G1651 HU - supplied as an undusted powder Kraton G1651 HS - supplied as a dusted powder Region: Asia Pacific, Europe, Japan, North America, and South America Uses: Kraton G1651 H is used as a base material for thermoplastic elastomer (TPE) compound formulations for a variety of applications. It is also used as a modifier of thermoplastics and bitumen. The inherent stability of SEBS polymers suggests the use of G1651 H in applications that must withstand weathering and high processing temperatures. Applications: Adhesives, Sealant and Coatings; Compounding and Personal Hygiene; Impact Modification; Medical; Packaging and Polymod; and Personal Care Information provided by Kraton®

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kraton-G1651-H-SEBS-Linear-Triblock-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 g/cc	0.910 g/cc	ASTM D4025
Volatiles	<= 0.50 %	<= 0.50 %	KM 04

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	Measured on compression molded sample; ASTM D2240
	@Time 10.0 sec	@Time 0.00278 hour	
Tensile Strength	6.21 MPa	901 psi	BAM 1211
	27.6 MPa	4000 psi	Measured on solution cast film from toluene; BAM 1245
Elongation at Break	>= 800 %	>= 800 %	Measured on solution cast film from toluene; BAM 1245

Descriptive Properties	Value	Comments
Content	Non-staining phenolic antioxidant	0.03-0.1%, KM 08
	Polystyrene	31.2-34.6%, PSC measured on the polymer before hydrogenation, KM 03
	Total Extractables	<1.0%, KM 05
Styrene/Rubber Ratio	33-67	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China