

Kraton® G1652 E (SEBS) Linear Triblock Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Description: Kraton G1652 E polymer is a clear, linear triblock copolymer based on styrene and ethylene/butylene, S-E/B-S, with bound styrene of 30% mass. It is supplied from Europe in the physical form shown: Kraton G1652 EU - supplied as undusted fluffy crumbKraton G1652 ES - supplied as fluffy crumb dusted with amorphous silicaRegion: Asia Pacific, Europe, Japan, North America, and South AmericaUses: Kraton G1652 E is used as a modifier of bitumen or thermoplastics and in compound formulations. 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; Bitumen Modification; Compounding and Personal Hygiene; Impact Modification; Medical; Packaging and Polymod; and Personal CareInformation provided by Kraton®

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kraton-G1652-E-SEBS-Linear-Triblock-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 g/cc	0.910 g/cc	ISO 2781
Volatiles	<= 0.60 %	<= 0.60 %	KM 04
Viscosity	400 - 530 cP	400 - 530 cP	20% Toluene Solution at 25Å°C; KM 06
Melt Flow	6.0 g/10 min @Load 5.00 kg, Temperature 230 Å°C	6.0 g/10 min @Load 11.0 lb, Temperature 446 Å°F	ISO 1133
Ash	0.70 - 1.1 %	0.70 - 1.1 %	ES; ISO 247

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	69 @Time 10.0 sec	69 @Time 0.00278 hour	ASTM D2240
Tensile Strength	31.0 MPa	4500 psi	ISO 37
Elongation at Break	500 %	500 %	ISO 37
300% Modulus	0.00480 GPa	0.696 ksi	ISO 37

Descriptive Properties	Value	Comments
Content	Antioxidant	>0.03%, KM 08
	Polystyrene	28.2-30%, Poly styrene content measured on finished product after hydrogenation, KM 03
	Total	

Descriptive Properties	Extractables Value	-1.0% KM 05 Comments
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