

## Kraton<sup>®</sup> G1652 M (SEBS) Linear Triblock Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

### Material Notes:

Description: Kraton G1652 M is a translucent, linear triblock copolymer based on styrene and ethylene/butylene (SEBS) with a Styrene / Rubber ratio of 30/70. It is supplied from North America in the physical form identified: Kraton G1652 MU - supplied as an undusted powder  
Kraton G1652 MS - supplied as a dusted powder  
Region: Asia Pacific, Europe, Japan, North America, and South America  
Uses: Kraton G1652 M 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; Impact Modification; Medical; Packaging and Polymod; Personal Care; and Bitumen Modification  
Information provided by Kraton<sup>®</sup>

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kraton-G1652-M-SEBS-Linear-Triblock-Copolymer.php](http://www.lookpolymers.com/polymer_Kraton-G1652-M-SEBS-Linear-Triblock-Copolymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 g/cc	0.910 g/cc	ASTM D4025
Volatiles	<= 0.60 %	<= 0.60 %	KM 04
Viscosity	400 - 525 cP	400 - 525 cP	20% Toluene Solution at 25 <sup>°</sup> C; BAM 922
Melt Flow	5.0 g/10 min @Load 5.00 kg, Temperature 230 <sup>°</sup> C	5.0 g/10 min @Load 11.0 lb, Temperature 446 <sup>°</sup> F	

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	ASTM D412
Elongation at Break	500 %	500 %	ASTM D412
300% Modulus	0.00483 GPa	0.701 ksi	ASTM D412

Descriptive Properties	Value	Comments
Content	Non-staining phenolic antioxidant	0.03-0.1%, KM 08
	Polystyrene	29-30.8%, Measured on the polymer before hydrogenation, KM 03
	Total Extractables	<1.0%, KM 05
Styrene/Rubber Ratio	30/70	

## **Contact Songhan Plastic Technology Co.,Ltd.**

**Website : [www.lookpolymers.com](http://www.lookpolymers.com)**

**Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)**

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

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