

## Kraton® G1657 M (SEBS) Linear Block Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

### Material Notes:

Description: Kraton G1657 M is a clear, linear triblock copolymer based on styrene and ethylene/butylene with a polystyrene content of 13% . It is supplied from North America in the physical form identified: Kraton G1657 MS - supplied as a dusted pelletKraton G1657 MO - supplied as a dusted pelletRegion: Asia Pacific, Europe, Japan, North America, and South America Uses: Kraton G1657 M is used as a modifier of bitumen or thermoplastics and in compound formulations. It may also find use as an ingredient in formulating adhesives, sealants and coatings.Applications: Adhesives, Sealant and Coatings; Compounding and Personal Hygiene; Impact Modification; Medical; Packaging and Polymod; and Personal Care

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kraton-G1657-M-SEBS-Linear-Block-Copolymer.php](http://www.lookpolymers.com/polymer_Kraton-G1657-M-SEBS-Linear-Block-Copolymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D4025
Volatiles	<= 1.0 %	<= 1.0 %	KM 04
Brookfield Viscosity	1200 - 1800 cP @Temperature 25.0 Â°C	1200 - 1800 cP @Temperature 77.0 Â°F	20% Toluene solution; BAM 922
Melt Flow	22 g/10 min @Load 5.00 kg, Temperature 230 Â°C	22 g/10 min @Load 11.0 lb, Temperature 446 Â°F	
Ash	0.020 - 0.12 %	0.020 - 0.12 %	For G1657 MS, Silica dusted; BAM 908

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	47	47	10 seconds. Typical values on polymer compression molded at 150Â°C (300Â°F).; ASTM D2240
Tensile Strength, Ultimate	23.44 MPa	3400 psi	Typical properties based on film cast from toluene solution.; ASTM D412
Elongation at Break	750 %	750 %	Typical properties based on film cast from toluene solution.; ASTM D412
300% Modulus	0.00241 GPa	0.350 ksi	Typical properties based on film cast from toluene solution.; ASTM D412

Chemical Properties	Metric	English	Comments
Diblock Content	30 %	30 %	

Descriptive Properties	Value	Comments
------------------------	-------	----------

Descriptive Properties	Value	Comments
	Non-staining phenolic antioxidant	0.03-0.10%, KM 08
	Polystyrene	12.3-14.3%, KM 03, Measured on the polymer before hydrogenation
	Total Extractables	<1.5%, KM 05
Styrene/Rubber Ratio	13/87	

## 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