

## Kraton® G1701 M (SEP) Linear Diblock Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

### Material Notes:

**Description:** Kraton G1701 M is a clear, linear diblock copolymer based on styrene and ethylene/propylene with a polystyrene content of 37%. It is supplied from North America in the physical form identified: Kraton G1701 MU - supplied as a powder. Region: Asia Pacific, Europe, Japan, North America, and South America. **Uses:** Kraton G1701 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; Packaging and Polymod; Personal Care; and Medical. Information provided by Kraton®

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kraton-G1701-M-SEP-Linear-Diblock-Copolymer.php](http://www.lookpolymers.com/polymer_Kraton-G1701-M-SEP-Linear-Diblock-Copolymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	ASTM D4025
Volatiles	<= 1.0 %	<= 1.0 %	KM 04
Kinematic Viscosity at 100°C (212°F)	15 - 19 cSt	15 - 19 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	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	64 @Time 10.0 sec	64 @Time 0.00278 hour	ASTM D2240
Tensile Strength	2.07 MPa	300 psi	ASTM D412
Elongation at Break	100 %	100 %	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	34.7-38.5%, Measured on the polymer before hydrogenation, KM 03
	Total Extractables	<3.0%, KM 05
Styrene/Rubber Ratio	37/63	

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

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