

## Kraton® D1171 P (SIBS) Linear Triblock Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

### Material Notes:

Description: Kraton D1171 P is a clear, linear triblock copolymer based on styrene, butadiene and isoprene with a polystyrene content of 19%. It is supplied from North America in the form: Kraton D1171 PT - supplied as a dusted dense pellet  
Region: Asia Pacific, Europe, Japan, North America, and South America  
Uses: Kraton D1171 P can be used as a base material for hot melt adhesives. It may also find use as a base material for compound formulations and as a modifier for bitumen.  
Applications: Adhesives, Sealant and Coatings; Compounding and Personal Hygiene; Footwear; Packaging and Polymod; and Roads and Roofing  
Information provided by Kraton®

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kraton-D1171-P-SIBS-Linear-Triblock-Copolymer.php](http://www.lookpolymers.com/polymer_Kraton-D1171-P-SIBS-Linear-Triblock-Copolymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	ASTM D4025
Volatiles	<= 0.50 %	<= 0.50 %	KM 04
Viscosity	1000 cP	1000 cP	25% Toluene Solution at 25Å°C; KM 06
Melt Flow	11 g/10 min @Load 5.00 kg, Temperature 200 Å°C	11 g/10 min @Load 11.0 lb, Temperature 392 Å°F	ISO 1133
Ash	0.20 - 0.40 %	0.20 - 0.40 %	Talc; BAM 908

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	45 @Time 10.0 sec	45 @Time 0.00278 hour	Measured on compression molded slabs; ASTM D2240
Tensile Strength	6.89 MPa	999 psi	Measured on films cast from a solution in toluene; ASTM D412
Elongation at Break	1250 %	1250 %	Measured on films cast from a solution in toluene; ASTM D412
300% Modulus	0.00207 GPa	0.300 ksi	Measured on films cast from a solution in toluene; ASTM D412

Chemical Properties	Metric	English	Comments
Diblock Content	26 %	26 %	

Descriptive Properties	Value	Comments
Content	Antioxidant	0.08-0.7%, KM 08
	Polystyrene	18.1-21.1%, KM 03

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Descriptive Properties	Value	Comments
	Total Extractables	<1.0%, KM 05

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## 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