

## Kraton® D1173 B (SIBS) Linear Triblock Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

### Material Notes:

**Description:** Kraton D1173 B is a clear, linear triblock copolymer based on styrene, butadiene and isoprene with a polystyrene content of 18%. It is supplied from Brazil in the form: Kraton D1173 BT - supplied as a dusted porous pellet  
**Region:** Asia Pacific, Europe, Japan, North America, and South America  
**Uses:** Kraton D1173 B 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-D1173-B-SIBS-Linear-Triblock-Copolymer.php](http://www.lookpolymers.com/polymer_Kraton-D1173-B-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	1200 cP	1200 cP	25% Toluene Solution at 25Å°C; KM 06
Melt Flow	14 g/10 min @Load 5.00 kg, Temperature 200 Å°C	14 g/10 min @Load 11.0 lb, Temperature 392 Å°F	ISO 1133
Ash	0.40 - 0.80 %	0.40 - 0.80 %	Talc; ISO 247
	0.60 %	0.60 %	ISO 247-B

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	29 @Time 10.0 sec	29 @Time 0.00278 hour	Measured on compression molded slabs; ASTM D2240
Tensile Strength	2.75 MPa	399 psi	Measured on films cast from a solution in toluene; ISO 37
Elongation at Break	1250 %	1250 %	Measured on films cast from a solution in toluene; ISO 37
300% Modulus	0.000820 GPa	0.119 ksi	Measured on films cast from a solution in toluene; ISO 37

Descriptive Properties	Value	Comments
Content	Antioxidant	>0.08%, KM 08
	Polystyrene	15.2-19.3%, KM 03
	Total Extractables	<1.0%, KM 05

Descriptive Properties

Value

Comments

## 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