

## Kraton® D1193 P (SIS) Linear Triblock Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

### Material Notes:

**Description:** Kraton D1193 P is a clear, linear triblock copolymer based on styrene and isoprene, with a polystyrene content of 24%. It is supplied from North America in the physical form identified: Kraton D1193 PT - supplied as a dusted dense pellet  
**Region:** Asia Pacific, Europe, Japan, North America, and South America  
**Uses:** Kraton D1193 P is used as an ingredient in formulating adhesives, sealants and coatings. It may also find use as a modifier of bitumen or thermoplastics and in compound formulations.  
**Applications:** Adhesives, Sealant and Coatings; Compounding and Personal Hygiene; Impact Modification; Footwear; and Bitumen Modification  
 Information provided by Kraton®

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kraton-D1193-P-SIS-Linear-Triblock-Copolymer.php](http://www.lookpolymers.com/polymer_Kraton-D1193-P-SIS-Linear-Triblock-Copolymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.930 g/cc	0.930 g/cc	ASTM D4025
Volatiles	<= 0.30 %	<= 0.30 %	KM 04
Viscosity	400 cP	400 cP	25% Toluene Solution at 25Å°C; BAM 922
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	
Ash	0.15 - 0.35 %	0.15 - 0.35 %	Talc; BAM 908

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	53 @Time 10.0 sec	53 @Time 0.00278 hour	Typical values on polymer compression molded at 300Å°F; ASTM D2240
Tensile Strength	17.9 MPa	2600 psi	Typical properties determined of film cast from toluene solution; ASTM D412
Elongation at Break	1200 %	1200 %	Typical properties of film cast from toluene solution; ASTM D412
300% Modulus	0.00255 GPa	0.370 ksi	Typical properties of film cast from toluene solution.; ASTM D412

Chemical Properties	Metric	English	Comments
Diblock Content	20 %	20 %	

Descriptive Properties	Value	Comments
Content	Antioxidant	0.08-0.3%, KM 08

Descriptive Properties	Value	Comments
	Polystyrene	22.7-25.7%, KM 03
	Total Extractables	<1.2%, KM 05
Styrene/Rubber Ratio	24/76	

## Contact Songhan Plastic Technology Co.,Ltd.

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