

## Kraton® D1119 P (SIS) Linear Block Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

### Material Notes:

**Description:** Kraton D1119 P is a clear, linear triblock copolymer based on styrene and isoprene with a polystyrene content of 22%. It is supplied from North America in the physical form identified: Kraton D1119 PT - supplied as a dusted dense pelletKraton D1119 PSM - supplied as a powder dusted with silicaRegion: Asia Pacific, Europe, Japan, North America, and South America **Uses:** Kraton D1119 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

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kraton-D1119-P-SIS-Linear-Block-Copolymer.php](http://www.lookpolymers.com/polymer_Kraton-D1119-P-SIS-Linear-Block-Copolymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.930 g/cc	0.930 g/cc	ASTM 4025
Volatiles	<= 0.50 %	<= 0.50 %	KM 04
Melt Flow	25 g/10 min @Load 5.00 kg, Temperature 200 Â°C	25 g/10 min @Load 11.0 lb, Temperature 392 Â°F	
Ash	0.30 - 0.40 %	0.30 - 0.40 %	Talc; BAM 908
	2.5 - 5.0 %	2.5 - 5.0 %	The final dusting level is a combination of the talc from the original D1119 PT and silica added during the milling process; ISO 247

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	30	30	10 seconds. Typical values on polymer compression molded at 150Â°C (300Â°F).; ASTM 2240
Tensile Strength, Ultimate	2.41 MPa	350 psi	Typical properties based on film cast from toluene solution.; ASTM D412
Elongation at Break	1000 %	1000 %	Typical properties based on film cast from toluene solution.; ASTM D412
300% Modulus	0.00100 GPa	0.145 ksi	Typical properties based on film cast from toluene solution.; ASTM D412

Chemical Properties	Metric	English	Comments
Diblock Content	66 %	66 %	

Descriptive Properties	Value	Comments
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Content Descriptive Properties	Antioxidant Value	0.08-0.3% KM 08 Comments
	Polystyrene	20.5-23.5%, KM 03
	Total Extractables	<1.0%, KM 05
Styrene/Rubber Ratio	22/78	

## Contact Songhan Plastic Technology Co.,Ltd.

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