

## Kraton® D1119 P (SIS) Linear Triblock 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: South America, Europe, Asia Pacific, North America, and Japan 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 ModificationNote 1) The final dusting levels a combination of the talc from the original D1119 PT and silica added during the milling process.Information provided by Kraton®

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Specific Gravity	0.930 g/cc	0.930 g/cc	ASTM D4025
Volatiles	<= 0.50 %	<= 0.50 %	KM 04
Melt Flow	25 g/10 min @Load 5.00 kg, Temperature 200 °C	25 g/10 min @Load 11.0 lb, Temperature 392 °F	
Ash	0.30 - 0.40 %	0.30 - 0.40 %	Talc, See note 1); BAM 908
	2.5 - 5.0 %	2.5 - 5.0 %	PSM; ISO 247

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	30 @Time 10.0 sec	30 @Time 0.00278 hour	Typical values on polymer compression molded at 300°F; ASTM D2240
Tensile Strength	2.40 MPa	348 psi	Typical properties on film cast from toluene solution; ASTM D412
Elongation at Break	1000 %	1000 %	Measured on films cast from a solution in toluene; ASTM D412
300% Modulus	0.00110 GPa	0.160 ksi	Measured on films cast from a solution in toluene; ASTM D412

Chemical Properties	Metric	English	Comments
Diblock Content	66 %	66 %	

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

Descriptive Properties	Antioxidant Value	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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