



K0080  
North America

KRATON™ D1119 P Polymer

Data Document

Identifier : K080DDu23U

#### Description

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.

- Kraton D1119 PT - supplied as a dusted dense pellet with talc
- Kraton D1119 PSM - supplied as a powder dusted with silica
- Kraton D1119 PK - supplied as a dusted dense pellet with kaolin

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 below.

#### Sales Specifications

Property	Test Method	Units	Sales Specification Range	Notes
Antioxidant	KM 08	%m	0.08 TO 0.30	
Dust, Fine Talc	BAM 908	%w	0.20 TO 0.40	c
Dust, Kaolin	BAM 908	%w	0.10 TO 0.50	b
Polystyrene Content	KM 03	%m	20.5 TO 23.5	
Total Extractables	KM 05	%m	<= 1.0	
Volatile Matter	KM 04	%m	<= 0.5	
Ash (PSM)	ISO 247	%m	2.5 TO 5.0	a

- a** The final dusting level is a combination of the talc from the original D1119 PT plus silica added during the milling process.  
**b** Kaolin  
**c** Talc

#### Typical Properties (These are typical values and may not routinely be measured on finished product)

Property	Test Method	Units	Typical Value	Notes
Melt Index 200C, 5 kg	ASTM D 1238	gms/10 min.	25	
Tensile strength	ASTM D-412	psi	350	c
Styrene / Rubber ratio	n/a		22/78	
300% Modulus	ASTM D-412	psi	160	c
Hardness	ASTM 2240	Shore A (10s)	30	b
Elongation at break	ASTM D-412	%	1000	c
Diblock content	n/a		66	
Specific Gravity	ASTM D 792		0.93	

- b** Typical values on polymer compression molded at 300F.  
**c** Measured on films cast from a solution in toluene.

#### Packaging

Kraton's products are available in a number of different package types. For information specific to this grade, please contact your local Kraton representative.