



K0098  
North America  
2/6/2023

## KRATON™ D1117 P Polymer

Data Document

Identifier : K098DDp23U

### Description

Kraton D1117 P is a clear, linear triblock copolymer based on styrene and isoprene with a polystyrene content of 17%. It is supplied from North America in the physical form identified below.

- Kraton D1117 PT - supplied as a dusted dense pellet

Kraton D1117 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.

### 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	
Polystyrene Content	KM 03	%m	15.6 TO 19.2	
Total Extractables	KM 05	%m	≤ 1.0	
Vis, Sol (Toluene) 25.0%w @25C	BAM 922	cP	350 TO 590	
Volatile Matter	KM 04	%m	≤ 0.5	

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

Property	Test Method	Units	Typical Value	Notes
Specific Gravity	ASTM D 792		0.92	
Diblock content	n/a		33	
Hardness	ASTM 2240	Shore A (10s)	33	b
Styrene / Rubber ratio	n/a		17/83	
Tensile strength	ASTM D-412	psi	1200	c
300% Modulus	ASTM D-412	psi	60	c
Elongation at break	ASTM D-412	%	1300	c
Melt Index 190C, 5kg	ASTM D1238	gms/10 min.	29	

**b** Typical values on polymer compression molded at 300F.

**c** Typical properties determined on film cast from toluene solution.

### 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.

**End Use Requirements**

The end user of the product is solely responsible to comply with all regulatory and testing requirements applicable to the end use of the finished article incorporating the product.  
Information regarding the regulatory status of the product is available from Kraton on request.

**Safety and Handling Precautions**

Read the GHS Data Sheet carefully and thoroughly before handling and using the product. If you are unable to locate the GHS Safety Data Sheet from [www.kraton.com](http://www.kraton.com), please contact the Product Safety support team at [product.safety@kraton.com](mailto:product.safety@kraton.com).

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