



K0481
North America
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KRATON™ D1171 P Polymer

Data Document

Identifier : K481DDI23U

Description

Kraton D1171 P is a clear, linear triblock copolymer based on styrene, butadiene and isoprene with a polystyrene content of 19%. It is supplied from North America in the form below.

- Kraton D1171 PT - supplied as a dusted dense pellet

Kraton D1171 P can be used as a base material for hot melt adhesives. It may also find use as a base material for compound formulations and as a modifier for bitumen.

Sales Specifications

Property	Test Method	Units	Sales Specification Range	Notes
Antioxidant	KM 08	%	0.08 TO 0.70	
Ash, T	BAM 908	%w	0.20 TO 0.40	a
Polystyrene Content	KM 03	%m	18.1 TO 21.1	
Total Extractables	KM 05	%m	<= 1.0	
Volatile Matter	KM 04	%m	<= 0.5	

a Talc

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

Property	Test Method	Units	Typical Value	Notes
Elongation at Break	ASTM D 412	%	1250	d
300% Modulus	ASTM D 412	psi	300	d
Specific Gravity	ASTM D 792		0.92	
Hardness, Shore A	ASTM D 2240	Shore A (10 sec)	45	c
Solution Viscosity	KM06	Pa.s	1.0	b
Tensile Strength	ASTM D 412	psi	1000	d
Diblock Content	n/a		26	
Melt Index 200C, 5 kg	ASTM D 1238	gms/10 min.	11	

b Measured on 25%w toluene solution at 25C

c Measured on compression molded slabs

d 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.

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, please contact the Product Safety support team at product.safety@kraton.com.

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