KRATON

K0127
North America
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KRATON™ FG1901 G Polymer

Data Document

Identifier : K127DDn24U

Description

Kraton FG1901 G is a clear, linear triblock copolymer based on styrene and ethylene/butylene with a polystyrene content of 30%. It is supplied from North America in the physical form identified below.

- FG1901 GT - supplied as a dusted pellet

Kraton FG1901 G is used as a modifier of bitumen and polymers. It is also suitable as an ingredient in formulating compounds for footwear applications and may be used in formulating adhesives, sealants, and coatings.

Sales Specifications

Property	Test Method	Units	Sales Specification Range	Notes
Melt Flow, 230C/5000g	ASTM D1238	g/10 min	14 TO 28	
Maleic anhydride, Bound	BAM 1026	%w	1.4 TO 2.0	
Water	BAM 1024	ppmw	<= 500	a

a At time of packaging

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

Property	Test Method	Units	Typical Value	Notes
Melt Index 230C, 5 kg	ASTM D 1238	gms/10 min.	22	
Tensile Strength	ASTM D 412	psi	5000	a
Specific Gravity	ASTM D 792	g/cc	0.91	
Styrene / Rubber ratio	n/a		30/70	
Hardness, Shore A	ASTM D 2240	Shore A (10 sec)	71	b
Elongation at Break	ASTM D 412	%	500	a
Solution Viscosity	BAM 922	cps	1000	c

a Typical properties determined on film cast from toluene solution.
b Typical values on polymer compression molded at 300°F.
c 25%w toluene solution at 25°C, measured at time of packaging.

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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