KRATON

K0127
North America

KRATON™ FG1901 G Polymer

Data Document

Identifier : K127DDI17U

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 300Â°F.
c 25%w toluene solution at 25Â°C, measured at time of packaging.

Packaging

Kraton FG1901 G is packaged in sealed, foil-lined bags and typically does not require drying before melt process. However, if the bag is left open for an extended period of time, the product may absorb moisture and should be dried under vacuum at 80 degree C for a minimum of six hours before processing.