

KRATON® FG1901 G

Styrene Ethylene Butylene Styrene Block Copolymer

Kraton Polymers LLC

Message:

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.

General Information			
Features	Copolymer		
Uses	Adhesives		
	Asphalt Modification		
	Coating Applications		
	Footwear		
	Plastics Modification		
	Sealants		
Appearance	Clear/Transparent		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.910	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	14 to 28	g/10 min	ASTM D1238
Maleic Anhydride Content - Bound	1.4 to 2.0	wt%	Internal Method
Solution Viscosity - Toluene, 25%wt (25°C)	5.0	Pa·s	Internal Method
Water Content	< 500	ppm	Internal Method
Styrene/Rubber ratio	30/70		
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec, Compression Molded)	71		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	34.5	MPa	ASTM D412
Tensile Elongation (Break)	500	%	ASTM D412

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Recommended distributors for this material

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