

KRATON® D1161 J

Styrene Isoprene Styrene Block Copolymer

Kraton Polymers LLC

Message:

Kraton D1161 J Polymer is a clear, linear block copolymer based on styrene and isoprene with bound styrene of 15% mass. It is supplied from Japan in the physical form(s) identified in the grade nomenclature below.

D1161 JSP - supplied as dusted dense pellets

D1161 JS - supplied as dusted crumb

D1161 JU - supplied as undusted crumb

Kraton D1161 J Polymer is used in formulating adhesives, sealants and coatings. It is also used as a modifier of bitumen and polymers and in formulating compounds.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Block Copolymer		
Uses	Adhesives		
	Coating Applications		
	Sealants		
Appearance	Clear/Transparent		
Forms	Crumb		
	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.3 to 3.7	g/10 min	ISO 1133
Bound Styrene	15.0	%	
Ash Content			ISO 247
JS	< 2.5	%	
JSP	< 1.0	%	
JU	< 1.0	%	
Solution Viscosity - Toluene, 25%wt (25°C)	0.90 to 1.7	Pa · s	Internal Method
Volatile Matter - 2hr (110°C)	< 1.0	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 30 sec)	37		ISO 7619
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	0.900	MPa	ISO 37
Tensile Stress (Yield)	28.0	MPa	ISO 37
Tensile Elongation (Break)	1300	%	ISO 37

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