

# KRATON® D1107 J

Styrene Isoprene Styrene Block Copolymer

Kraton Polymers LLC

## Message:

Kraton D1107 J 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 below in the grade nomenclature.

D1107 JS - supplied as porous pellets dusted with amorphous silica

D1107 JU - supplied as undusted porous pellets

D1107 JSP - supplied as dense pellets dusted with amorphous silica

Kraton D1107 J is used as an ingredient in formulating adhesives, sealants and coatings. It may also find use as a modifier of bitumen or thermoplastics and in compound formulations.

General Information			
Features	Copolymer		
Uses	Adhesives Asphalt Modification Coating Applications Compounding Plastics Modification Sealants		
Appearance	Clear/Transparent		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm <sup>3</sup>	ISO 2781
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.4 to 3.4	g/10 min	ISO 1133
Bound Styrene	15.0	%	Internal Method
Ash Content			ISO 247
JS	< 2.5	wt%	
JSP	< 1.0	wt%	
JU	< 1.0	wt%	
Viscosity (25°C) <sup>1</sup>	< 1.00		
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 30 sec)	37		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	0.193	MPa	ISO 527-2
Tensile Strain (Break)	1300	%	ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	0.00483	MPa	ISO 37
NOTE			
1.	Sol (Toluene) 25.0%w		

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### Recommended distributors for this material

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