

K0532
Japan

KRATON® D1101 J Polymer

Data Document

Identifier : K532DDb12A

Description

Kraton D1101 J is a clear, linear triblock copolymer based on styrene and butadiene with a polystyrene content of 31%. It is supplied from Japan in the physical form(s) identified below.

- Kraton D1101 JU - supplied as undusted crumb
- Kraton D1101 JO - supplied as crumb dusted with organic dusting agent
- Kraton D1101 JSM - supplied as powder dusted with amorphous silica

Kraton D1101 J is used as a modifier of bitumen or thermoplastics and in compound formulations. It may also find use as an ingredient in formulating adhesives, sealants and coatings.

Sales Specifications

Property	Test Method	Units	Sales Specification Range	Notes
Polystyrene Content	KM 03	%m	28.0 TO 34.0	
Vis, Sol (Toluene) 25.0%w @25C	KM 06	Pa.s	3.0 TO 5.0	
Volatile Matter, 2 hr/110°C		%m	≤ 1.0	
Ash (JU)	ISO 247	%m	≤ 0.5	
Ash (JO)	ISO 247	%m	≤ 1.0	
Ash (JSM)	ISO 247	%m	≤ 5.0	

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

Property	Test Method	Units	Typical Value	Notes
Melt Index 200°C, 5 kg	ASTM D 1238	gms/10 min.	≤ 1	
Specific Gravity	ISO 2781		0.94	
Tensile Strength	ISO 37	Mpa	33	
Elongation at Break	ISO 37	%	880	
Hardness, Shore A (30 sec)	ISO 7619		72	
300% Modulus	ISO 37	MPa	2.9	

Packaging

Kraton Polymers are available in a number of different package types. For information specific to this grade, please contact your local Kraton Polymers representative.

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