



K0437  
Japan  
6/3/2021

## KRATON™ D1161 J Polymer

Data Document

Identifier : K437DDd21A

### Description

Kraton D1161 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.

- Kraton D1161 JSP - supplied as dusted dense pellets
- Kraton D1161 JS - supplied as dusted crumb
- Kraton D1161 JU - supplied as undusted crumb

Kraton D1161 J is used as an ingredient in formulating adhesives, sealants and coatings. It may also find use as a modifier of bitumen and polymers.

### Sales Specifications

Property	Test Method	Units	Sales Specification Range	Notes
Melt Flow, 190C/2160g	ISO 1133	g/10 min	1.3 TO 3.7	
Volatile Matter	KM 04	%m	≤ 1.00	
Ash (JU)	ISO 247	%m	≤ 1.0	
Ash (JS)	ISO 247	%m	≤ 2.5	
Ash (JSP)	ISO 247	%m	≤ 1.0	

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

Property	Test Method	Units	Typical Value	Notes
Polystyrene Content	KM03	%m	15	
Specific Gravity	ISO 2781		0.92	
Tensile Strength	ISO 37	Mpa	28	
300% Modulus	ISO 37	MPa	0.9	
Elongation at Break	ISO 37	%	1300	
Hardness, Shore A (30 sec)	ISO 7619		37	

### 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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**End Use Requirements**

If the finished article is intended for use in food contact and packaging applications, toys, or human contact areas, manufacturers of the final product should observe all relevant regulations. Some of these regulations require tests to be carried out on the final product, e.g. migration. These are the responsibility of the final product manufacturer. Information on the food packaging clearances of individual products is available from Kraton Polymers.

**Safety and Handling Precautions**

Read the GHS Data Sheet carefully and thoroughly before beginning any work.

**Legal Disclaimer**

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**For Further Information**

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