



K0300
North America
10/6/2023

KRATON™ D1163 P Polymer

Data Document

Identifier : K300DDm23U

Description

Kraton D1163 P is a clear, linear triblock copolymer based on styrene and isoprene, with a polystyrene content of 15%. It is supplied from North America in the physical form identified below.

- Kraton D1163 PT - supplied as a dusted dense pellet
- Kraton D1163 PTM - supplied as a dusted powder

Kraton D1163 P 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
Antioxidant	KM 08	%m	0.08 TO 0.30	
Ash (PT)	BAM 908	%w	0.25 TO 0.45	a
Polystyrene Content	BAM 919	%w	13.3 TO 16.3	
Total Extractables	BAM 905	%w	<= 1.0	
Volatile Matter	KM 04	%m	<= 0.5	
Ash (PTM)	ISO 247	%m	2.5 TO 5.0	b

a Talc

b The final dusting level is a combination of the talc from the original D1163 PT plus silica added during the milling process.

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

Property	Test Method	Units	Typical Value	Notes
Specific Gravity	ASTM D 792		0.92	
Solution Viscosity	BAM 922	cps	900	d
300% Modulus	ASTM D-412	psi	70	b
Diblock content	n/a		38	
Tensile strength	ASTM D-412	psi	1500	b
Hardness	ASTM 2240	Shore A (10s)	25	c
Elongation at break	ASTM D-412	%	1400	b
Styrene / Rubber ratio	n/a		15/85	
Melt Index 200C, 5 kg	ASTM D 1238	gms/10 min.	23	

b Typical properties determined on film cast from toluene solution.

c Typical values on polymer compression molded at 300F.

d 25%w toluene solution at 25C

Packaging

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

End Use Requirements

The end user of the product is solely responsible to comply with all regulatory and testing requirements applicable to the end use of the finished article incorporating the product.
Information regarding the regulatory status of the product is available from Kraton on request.

Safety and Handling Precautions

Read the GHS Data Sheet carefully and thoroughly before handling and using the product. If you are unable to locate the GHS Safety Data Sheet from www.kraton.com, please contact the Product Safety support team at product.safety@kraton.com.

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