



K723
Asia
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KRATON™ MD6186 GO

Data Document

Identifier : K723DDa22A

Description

Kraton MD6186 GO is a clear, linear triblock copolymer based on styrene and ethylene/butylene with a polystyrene content of 34%. It is supplied in the physical form outlined below.

- Kraton MD6186 GO - supplied as dusted dense pellet

Kraton MD6186 GO is used as a modifier of bitumen or thermoplastics and in compound formulations. It is also suitable as an ingredient in formulating adhesives, sealants, and coatings.

Note: This Kraton polymer product is a development product. Thus, its properties and chemical composition may change based on market feedback. Kraton Polymers reserves the right to change specifications and/or discontinue production of the product.

Sales Specifications

Property	Test Method	Units	Sales Specification Range	Notes
Maleic anhydride, Bound	OTHR	%w	0.80 TO 2.00	a
Water	BAM 1024	ppmw	≤ 500	b
Melt Flow, 190C/2160g	ASTM D1238	g/10 min	19.0 TO 31.0	

a Bound maleic anhydride (MA) content reported is based on titration method tested result.
b At time of packaging

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

Property	Test Method	Units	Typical Value	Notes
Tensile Strength	ASTM D 412	psi	1450	a
Hardness, Shore A	ASTM D 2240	Shore A (10 sec)	48	a
Elongation at Break	ASTM D 412	%	780	a
Solution Viscosity	BAM 922	cps	3700	b

a Typical properties determined on compression molded plaques
b 25%w toluene solution at 25°C

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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