



K0489
North America
2/9/2023

KRATON™ A1536 H Polymer

Data Document

Identifier : K489DDm23U

Description

Kraton A1536 H is a linear triblock copolymer based on styrene and ethylene/butylene. It is supplied from North America in the physical form identified below.

- Kraton A1536 HU - supplied to customers as an undusted powder
- Kraton A1536 HS - supplied to customers as a dusted powder

Kraton A1536 H is used in compound formulations and as a modifier of thermoplastics. It may also find use in formulating adhesives, sealants, coatings and modified bitumens.

Sales Specifications

Property	Test Method	Units	Sales Specification Range	Notes
Ash, S	BAM 908	%w	0.35 TO 0.70	c
Polystyrene Content	KM 03	%m	37.0 TO 44.0	b
Antioxidant	KM 08	%m	0.07 TO 0.13	a
Total Extractables	KM 05	%m	<= 1.6	
Volatile Matter	KM 04	%m	<= 1.0	

- a** Non-staining phenolic antioxidant.
- b** Measured on the polymer before hydrogenation.
- c** Silica dusted

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

Property	Test Method	Units	Typical Value	Notes
Polystyrene Content	Anal. HNMR	%w	42	
Elongation at Break	BAM 1245	%	660	c
Tensile Strength	BAM 1245	psi	≥5000	c
300% Modulus	BAM 1245	psi	935	c
Hardness	ASTM 2240	Shore A (10s)	65	b
Melt Index 260°C, 5kg	ASTM D-1238	gms/10min.	7	

- b** Measured on compression molded slabs.
- c** Measured on solution cast film from toluene.

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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