



K0486  
North America  
2/9/2023

## KRATON™ A1535 H Polymer

Data Document

Identifier : K468DDk23U

### Description

Kraton A1535 H is a clear, linear triblock copolymer based on styrene and ethylene/butylene with a polystyrene content of 57%. It is supplied from North America in the physical form identified below.

- Kraton A1535 HU - supplied as an undusted powder

Kraton A1535 H is used as a base material for compound formulations and as a modifier of thermoplastics. The inherent stability of the mid block suggests the use of this product in applications that must withstand weathering and high processing temperatures.

### Sales Specifications

Property	Test Method	Units	Sales Specification Range	Notes
Antioxidant	KM 08	%w	0.03 TO 0.10	a
Total Extractables	KM 05	%m	≤ 1.6	
Volatile Matter	KM 04	%m	≤ 1.0	
Polystyrene Content	KM 03	%m	56.3 TO 60.3	b

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

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

Property	Test Method	Units	Typical Value	Notes
Elongation at Break	BAM 1245	%	≥ 600	c
Melt Index 230°C, 5 kg	ASTM D 1238	gms/10 min.	≤ 1	
Hardness, Shore A	ASTM D 2240	Shore A (10 sec)	83	
Tensile Strength	BAM 1245	psi	4000	c
300% Modulus	BAM 1245	psi	1150	c

**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](http://www.kraton.com), please contact the Product Safety support team at [product.safety@kraton.com](mailto:product.safety@kraton.com).

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**For Further Information**

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