



K0489  
North America

KRATON™ A1536 H Polymer

Data Document

Identifier : K489DDo24U

### 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 HF - 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
Volatile Matter	KM 04	%m	<= 0.5	
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	
<b>a</b>	Non-staining phenolic antioxidant.			
<b>b</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
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>b</b>	Measured on compression molded slabs.			
<b>c</b>	Measured on solution cast film from toluene.			

### Packaging

Kraton's products are available in a number of different package types.