

KRATON® A1536 H

Styrene Ethylene Butylene Styrene Block Copolymer

Kraton Polymers LLC

Message:

Kraton A1536 H is a linear triblock copolymer based on styrene and ethylene/butylene. It is supplied from North America in they 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.

General Information			
Additive	Antioxidant 2		
Features	Copolymer		
Uses	Adhesives		
	Asphalt Modification		
	Plastics Modification		
	Sealants		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	7.0	g/10 min	ASTM D1238
Antioxidant Additive	0.0700 to 0.130		
Ash Content - S	0.4 to 0.7	wt%	
Polystyrene Content ¹	37.0 to 44.0	wt%	Internal Method
Total Extractables	< 1.6	%	Internal Method
Volatile Matter	< 1.0	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec, Compression Molded)	65		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	6.45	MPa	Internal Method
Tensile Strength (Yield)	> 34.5	MPa	Internal Method
Tensile Elongation (Break)	660	%	Internal Method
NOTE			

1. Measured on the polymer before hydrogenation.

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Recommended distributors for this material

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