

# KRATON® G1642 H

Styrene Ethylene Butylene Styrene Block Copolymer

Kraton Polymers LLC

## Message:

Kraton G1642 H is a clear, linear triblock copolymer based on styrene and ethylene/butylene with a polystyrene content of 20%. It is supplied from North America in the physical form identified below.

Kraton G1642 HU - supplied as an undusted powder

Kraton G1642 HS - supplied as a dusted powder

Kraton G1642 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			
Features	Antioxidant		
	Copolymer		
Uses	Adhesives		
	Coating Applications		
	Compounding		
	Plastics Modification		
	Sealants		
Appearance	Clear/Transparent		
Forms	Powder		
Processing Method	Coating		
	Compounding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	< 1.0	g/10 min	ASTM D1238
Antioxidant Additive <sup>1</sup>	0.030 to 0.10	%	Internal Method
Polystyrene Content	19 to 23	%	Internal Method
Solution Viscosity - Toluene, 25%wt (25°C)	1.1 to 1.6	Pa · s	Internal Method
Total Extractables	< 1.6	%	Internal Method
Volatile Matter	< 0.50	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec, Compression Molded)	48		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Yield)	> 20.7	MPa	Internal Method
Tensile Elongation <sup>3</sup> (Break)	1200	%	Internal Method
NOTE			

1.	Non-staining phenolic antioxidant
2.	Measured on solution cast films from toluene.
3.	Measured on solution cast films from toluene.

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#### Recommended distributors for this material

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