

KRATON® G1651 H

Styrene Ethylene Butylene Styrene Block Copolymer

Kraton Polymers LLC

Message:

Kraton G1651 H is a clear, linear copolymer based on styrene and ethylene/butylene with a polystyrene content of 33%. It is supplied from North America in the physical form identified below.

Kraton G1651 HU - supplied as an undusted powder

Kraton G1651 HS - supplied as a dusted powder

Kraton G1651 H is used as a base material for thermoplastic elastomer (TPE) compound formulations for a variety of applications. It is also used as a modifier of thermoplastics and bitumen. The inherent stability of SEBS polymers suggests the use of G1651 H in applications that must withstand weathering and high processing temperatures.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Copolymer		
	Good Weather Resistance		
	High Heat Resistance		
Uses	Compounding		
	Plastics Modification		
Appearance	Clear/Transparent		
Forms	Powder		
Processing Method	Compression Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.910	g/cm ³	ASTM D4025
Antioxidant Additive ¹	0.030 to 0.10	%	Internal Method
Melt Flow - 230°C/5kg	No Flow		ASTM D1238
Polystyrene Content	31 to 35	%	Internal Method
Total Extractables	< 1.0	%	Internal Method
Volatile Matter	< 0.50	%	Internal Method
Styrene/Rubber ratio	33/67		
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec, Compression Molded)	60		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 27.6	MPa	Internal Method
Tensile Elongation (Break)	> 800	%	Internal Method
NOTE			

1. Non-staining phenolic antioxidant

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Recommended distributors for this material

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