

# KRATON® G1652 H

Styrene Ethylene Butylene Styrene Block Copolymer

Kraton Polymers LLC

## Message:

Kraton G1652 H is a clear, linear triblock copolymer based on styrene and ethylene/butylene with a polystyrene content of 30%. It is supplied from North America in the physical form identified below.

Kraton G1652 HU - supplied as an undusted powder

Kraton G1652 H is used as a modifier of bitumen and polymers. It is also suitable as an ingredient in formulating compounds for footwear applications and may be used in formulating adhesives, sealants, and coatings.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Copolymer		
Uses	Adhesives		
	Asphalt Modification		
	Coating Applications		
	Footwear		
	Plastics Modification		
	Sealants		
Appearance	Clear/Transparent		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.910	g/cm <sup>3</sup>	ASTM D4025
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	5.0	g/10 min	
Antioxidant Additive <sup>1</sup>	0.030 to 0.10	%	Internal Method
Extractables	< 1.0	%	Internal Method
Polystyrene Content	29 to 31	%	Internal Method
Solution Viscosity - Toluene, 20%wt (25°C)	400 to 530	mPa · s	Internal Method
Volatile Matter	< 0.60	%	Internal Method
Styrene/Rubber ratio	30/70		
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	69		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	4.83	MPa	ASTM D412
Tensile Strength (Yield)	31.0	MPa	ASTM D412
Tensile Elongation (Break)	500	%	ASTM D412
NOTE			
1.	Non-staining phenolic antioxidant		

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