

KRATON® G1654 H

Styrene Ethylene Butylene Styrene Block Copolymer

Kraton Polymers LLC

Message:

Kraton G1654 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 G1654 HU - supplied as an undusted powder

Kraton G1654 HS - supplied as a dusted powder Kraton G1654 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 G1654 H in applications that must withstand weathering and high processing temperatures.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Copolymer		
Uses	Asphalt Modification		
	Plastics Modification		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920	g/cm ³	ASTM D4025
Antioxidant Additive ¹	0.040 to 0.10	%	Internal Method
Polystyrene Content	30 to 33	%	Internal Method
Solution Viscosity - (Toluene) 10%wt (25°C)	290 to 490	mPa·s	
Total Extractables	< 1.6	%	Internal Method
Volatile Matter	< 0.40	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	63		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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