

KRATON® G4610 H

Styrene Ethylene Butylene Styrene Block Copolymer

Kraton Polymers LLC

Message:

Kraton G4610 H is a white mineral oil extended linear triblock copolymer based on styrene and ethylene/butylene with a polystyrene content of 33%. Nominal oil content of the polymer is 31%w (45 parts/100 part rubber (phr)). It is supplied in the physical form identified below.

G4610 HU - supplied as an undusted powder crumb.

Kraton G4610 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 G4610H in applications that must withstand weathering and high processing temperatures.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Copolymer		
	Good Weather Resistance		
	High Heat Resistance		
Uses	Plastics Modification		
Appearance	White		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Antioxidant Additive ¹	0.020 to 0.060	%	Internal Method
Polystyrene Content ²	31 to 35	%	Internal Method
Total Extractables	25 to 37	%	Internal Method
Volatile Matter	< 1.0	%	Internal Method
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 5.52	MPa	Internal Method
NOTE			
1.	Non-staining phenolic antioxidant		
2.	Measured on the polymer before hydrogenation		

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