

KRATON® G1641 H

Styrene Ethylene Butylene Styrene Block Copolymer

Kraton Polymers LLC

Message:

Kraton G1641 H is a clear, linear triblock 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 G1641 HU - supplied as an undusted powder

Kraton G1641 HS - supplied as a dusted powder

Kraton G1641 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			
Additive	Antioxidant		
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
Antioxidant Additive ¹	0.030 to 0.10	%	Internal Method
Polystyrene Content	32 to 34	%	Internal Method
Total Extractables	< 1.6	%	Internal Method
Viscosity - Toluene, 25%wt (25°C) (25°C)	500 to 850	mPa · s	Internal Method
Volatile Matter	< 0.50	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec, Compression Molded)	52		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ² (300% Strain)	4.34	MPa	Internal Method
Tensile Strength ³ (Yield)	> 17.2	MPa	Internal Method
Tensile Elongation ⁴ (Break)	> 800	%	Internal Method
NOTE			
1.	Non-staining phenolic antioxidant		

2.	Measured on solution cast film from toluene
3.	Measured on solution cast film from toluene
4.	Measured on solution cast film from toluene

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

