

# KRATON® E1830 H

Styrene Ethylene Butylene Styrene Block Copolymer

Kraton Polymers LLC

## Message:

Kraton E1830 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 E1830 HU - supplied as a powder.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Copolymer		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.910	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	< 1.0	g/10 min	ASTM D1238
Antioxidant Additive <sup>1</sup>	0.10 to 0.18	%	Internal Method
Polystyrene Content <sup>2</sup>	31 to 35	%	Internal Method
Total Extractables	< 1.6	%	Internal Method
Volatile Matter	< 1.0	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 30 sec, Compression Molded)	61		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress <sup>3</sup> (300% Strain)	5.52	MPa	Internal Method
Tensile Strength <sup>4</sup> (Yield)	> 24.1	MPa	Internal Method
Tensile Elongation <sup>5</sup> (Break)	930	%	Internal Method
NOTE			
1.	Non-staining phenolic antioxidant		
2.	Measured on the polymer before hydrogenation.		
3.	Typical properties determined on film cast from toluene solution		
4.	Typical properties determined on film cast from toluene solution		
5.	Typical properties determined on film cast from toluene solution		

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