

# KRATON® G1640 E

Styrene Ethylene Butylene Styrene Block Copolymer

Kraton Polymers LLC

## Message:

Kraton G1640 E is a clear linear triblock copolymer based on styrene and ethylene/butylene (S-E/B-S) with bound styrene of 32.9% mass. It is supplied from Europe as identified in the grade nomenclature below.

Kraton G1640 ES - supplied as a "fluffy" crumb dusted with amorphous silica

Kraton G1640 E is used as a base material for compound formulations and as a modifier of thermoplastics. The inherent stability of the midblock suggests the use of this grade in applications that must withstand weathering and high processing temperatures. In addition G1640 E offers the advantages of a high molecular weight polymer at lower melt viscosities.

General Information			
Additive	Antioxidant (300 ppm)		
Features	Antioxidant		
Uses	Compounding		
	Plastics Modification		
Appearance	Clear/Transparent		
Forms	Crumb		
Physical	Nominal Value	Unit	Test Method
Density	0.908	g/cm <sup>3</sup>	ISO 2781
Apparent Density	0.19	g/cm <sup>3</sup>	ASTM D1895
Solution Viscosity <sup>1</sup>	1500	mPa · s	Internal Method
Bound Styrene	30.7 to 32.7	%	Internal Method
Ash Content	0.7 to 1.1	wt%	ISO 247
Total Extractables	< 1.6	wt%	Internal Method
Volatile Matter	< 0.50	wt%	Internal Method
NOTE			

1.

Measured on 15% m/m solution in toluene at 25°C using a Brookfield viscometer LVT model

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## Recommended distributors for this material

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