

KRATON® G1651 E

Styrene Ethylene Butylene Styrene Block Copolymer

Kraton Polymers LLC

Message:

Kraton G1651 E is a clear, linear triblock copolymer based on styrene and ethylene/butylene, S-E/B-S, with bound styrene of 31.5% mass. It is supplied from Europe in two physical forms identified below.

Kraton G1651 EU - supplied as undusted fluffy crumb

Kraton G1651 ES - supplied as fluffy crumb dusted with amorphous silica

Kraton G1651 E is used as a base material for compound formulations and as a modifier of thermoplastics. The inherent stability of the mid block suggests the use of this product in applications that must withstand weathering and high processing temperatures.

General Information			
Additive	Antioxidant (300 ppm)		
Features	Block Copolymer		
	Good Thermal Stability		
	Good Weather Resistance		
Agency Ratings	FAA 14 CFR Part 25 App. F		
Appearance	Clear/Transparent		
Forms	Crumb		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ISO 2781
Solution Viscosity ¹	1500	mPa · s	Internal Method
Bound Styrene	30.0 to 33.0	%	Internal Method
Antioxidant Additive	> 0.030	%	Internal Method
Ash Content - Product Form "ES"	0.30 to 0.50	%	ISO 247
Extractables	< 1.6	%	Internal Method
Volatile Matter	< 0.50	%	Internal Method
NOTE			

1.

Measured on 10% m/m solution in toluene at 25°C using a Brookfield viscometer LVT model

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