K0526
Europe

KRATON™ G1640 E Polymer

Data Document

Identifier : K526DDf19E

Description

Kraton G1640 E is a clear linear triblock copolymer based on styrene and ethylene/butylene (S-E/B-S) with bound styrene of 31.7% 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 termperatures. In addition G1640 E offers the advantages of a high molecular weight polymer at lower melt viscosities.

Sales Specifications

Property	Test Method	Units	Sales Specification Range	Notes
Polystyrene Content	KM 03	%m	30.7 TO 32.7	
Total Extractables	KM 05	%m	<= 1.6	
Antioxidant Content	KM 08	%m	>= 0.03	
Volatile Matter	KM 04	%m	<= 0.5	
Ash, Undusted Product	ISO 247	%m	< 0.02	
Ash, ES	ISO 247	%m	0.70 TO 1.10	

Typical Properties (These are typical values and may not routinely be measured on finished product)

Property	Test Method	Units	Typical Value	Notes
Specific Gravity	ISO 2781		0.91	
Solution Viscosity	KM06	Pa.s	1.5	a
Bulk Density	ASTM D1895	kg/dm3	0.19	

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

Packaging

Kraton Polymers are available in a number of different package types. For information specific to this grade, please contact your local Kraton Polymers representative.