



K0038
Europe

KRATON™ G1650 E Polymer

Data Document

Identifier : K038DDi19E

Description

Kraton G1650 E is a clear linear triblock copolymer based on styrene and ethylene/butylene, S-E/B-S, with bound styrene of 29.2% mass. It is supplied from Europe in the physical forms identified below.

- Kraton G1650 EU - supplied as undusted fluffy crumb
- Kraton G1650 ES - supplied as fluffy crumb dusted with amorphous silica

Kraton G1650 E is used for formulating adhesives and coatings, as a base material for compound formulations, as a modifier of thermoplastics and as a modifier of bitumen. The inherent stability of the midblock suggests the use of G1650 E in applications that must withstand weathering and high processing temperatures.

Sales Specifications

<u>Property</u>	<u>Test Method</u>	<u>Units</u>	<u>Sales Specification Range</u>	<u>Notes</u>
Polystyrene Content	KM 03	%m	27.7 TO 30.7	
Vis, Sol (Toluene) 20.0%w @25C	KM 06	Pa.s	1.0 TO 1.9	
Total Extractables	KM 05	%m	<= 1.0	
Antioxidant Content	KM 08	%m	>= 0.03	
Volatile Matter	KM 04	%m	<= 0.5	
Ash (ES)	ISO 247	%m	0.4 TO 0.6	

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

<u>Property</u>	<u>Test Method</u>	<u>Units</u>	<u>Typical Value</u>	<u>Notes</u>
Elongation at Break	ISO 37	%	500	a
Specific Gravity	ISO 2781		0.91	
Tensile Strength	ISO 37	Mpa	35	a
300% Modulus	ISO 37	MPa	5.6	a

a Measured on films cast from a solution in toluene

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.

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