



K0440
Europe

KRATON™ D1155 E Polymer

Data Document

Identifier : K440DDh23E

Description

Kraton D1155 E is a clear, linear block copolymer based on styrene and butadiene with bound styrene of 40% mass. It is supplied from Europe in the physical form identified below.

- Kraton D1155 ES - supplied as porous pellets dusted with amorphous silica

Kraton D1155 E is used in the modification of polymers and in compounds for technical and footwear applications. It is also used in formulating adhesives, sealants and coatings and as a modifier for bitumen.

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	37 TO 43	
Melt Flow, 200C/5000g	ISO 1133	g/10 min	6 TO 15	
Antioxidant content	KM 08	%m	≥ 0.15	
Volatile Matter	KM 04	%m	≤ 0.5	
Ash, S Small Bag	ISO 247	%m	0.10 TO 0.30	

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>
Solution Viscosity	KM06	Pa.s	0.7	a
Volatile Matter	KM 04	%mass	0.1	
Hardness, Shore A (15 sec)	ASTM D 2240	Hardness, Shore A (15 sec)	74	
Elongation at Break	ISO 37	%	800	
Tensile Strength	ISO 37	MPa	28	
a	25%w in toluene solution at 25C			

Packaging

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