



K0440
Europe
3/9/2023

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.

End Use Requirements

The end user of the product is solely responsible to comply with all regulatory and testing requirements applicable to the end use of the finished article incorporating the product.
Information regarding the regulatory status of the product is available from Kraton on request.

Safety and Handling Precautions

Read the GHS Data Sheet carefully and thoroughly before handling and using the product. If you are unable to locate the GHS Safety Data Sheet from www.kraton.com, please contact the Product Safety support team at product.safety@kraton.com.

Legal Disclaimer

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For Further Information

U.S.A Headquarters Kraton Corporation 15710 John F. Kennedy Blvd. Suite 300 Houston, Texas 77032 +1-800-4-KRATON (800-457-2866) info@kraton.com	Asia Pacific Regional Headquarter/ Innovation Center Rm 2201, No.688, West Nan Jing Road Shanghai, 200041, PR China +86 21 2082 3888 info.cn@kraton.com	Europe, Middle East, Africa Kraton Polymers Nederland B.V. Transistorstraat 16 NL - 1322 CE Almere The Netherlands +31 36 546 2846 info@kraton.com
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