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Europe  
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## KRATON™ D1102 E Polymer

Data Document

Identifier : K124DDh23E

### Description

Kraton D1102 E is a clear, linear block copolymer based on styrene and butadiene with bound styrene of 28.5% mass. It is supplied from Europe in the physical form(s) identified below in the grade nomenclature:

- Kraton D1102 ET - supplied as a dusted porous pellet
- Kraton D1102 EU - supplied as an undusted porous pellet

Kraton D1102 E is used as an ingredient in formulating adhesives, sealants and coatings. It may also find use as a modifier of bitumen or thermoplastics and in compound formulations.

### Sales Specifications

Property	Test Method	Units	Sales Specification Range	Notes
Polystyrene Content	KM 03	%m	26.9 TO 29.9	
Melt Flow, 200C/5000g	ISO 1133	g/10 min	11 TO 17	
Antioxidant content	KM 08	%m	≥ 0.15	
Total Extractables	KM 05	%m	≤ 1.0	
Volatile Matter	KM 04	%m	≤ 0.3	
Ash, Undusted Product	ISO 247	%m	≤ 0.05	
Ash (ET)	ISO 247	%m	0.15 TO 0.40	

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

Property	Test Method	Units	Typical Value	Notes
Tensile Strength	ISO 37	MPa	24	b
Elongation at Break	ISO 37	%	1150	b
Hardness, Shore A (30 sec)	ISO 868	Hardness, Shore A (30 sec)	63	a
Specific Gravity	ISO 2781		0.94	
Bulk Density	ASTM D 1895 method B	kg/dm <sup>3</sup>	0.4	
300% Modulus	ISO 37	MPa	3.9	b
Diblock Content	n/a	%	15	
Solution Viscosity	KM06	Pa.s	1.0	

**a** Measured on compression moulded slabs

**b** Measured on films cast from a solution in toluene

### 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](http://www.kraton.com), please contact the Product Safety support team at [product.safety@kraton.com](mailto:product.safety@kraton.com).

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**For Further Information**

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