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Europe

**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**

<u>Property</u>	<u>Test Method</u>	<u>Units</u>	<u>Sales Specification Range</u>	<u>Notes</u>
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)

<u>Property</u>	<u>Test Method</u>	<u>Units</u>	<u>Typical Value</u>	<u>Notes</u>
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/dm3	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.