



K0543  
Europe

**KRATON™ D1191 E Polymer**

**Data Document**

Identifier : K543DDh21E

**Description**

Kraton D1191 E is a clear, radial block copolymer based on styrene and butadiene with bound styrene of 33.5% mass. It is supplied from Europe in the physical forms described below.

- Kraton D1191 ES - supplied as porous pellets dusted with amorphous silica
- Kraton D1191 ET - supplied as porous pellets dusted with talc
- Kraton D1191 ESM - supplied as powder dusted with amorphous silica
- Kraton D1191 EIM - supplied as powder dusted with calcium carbonate for supply to the North American market

Kraton D1191 E is used for modification of industrial and paving bitumen. It may also be suitable for use in formulating adhesives, sealants and coatings, and in the modification of polymers.

**Sales Specifications**

Property	Test Method	Units	Sales Specification Range	Notes
Polystyrene Content	KM 03	%m	32.5 TO 34.5	
Antioxidant content	KM 08	%m	≥ 0.12	
Total Extractables	KM 05	%m	≤ 1.4	
Volatile Matter	KM 04	%m	≤ 0.3	
Ash (ES, ET)	ISO 247	%m	0.15 TO 0.40	
Ash (ESM)	ISO 247	%m	2.5 TO 5.0	
Ash (EIM)	BAM 908	%w	4.0 TO 6.0	

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

Property	Test Method	Units	Typical Value	Notes
Specific Gravity	ISO 2781		0.94	
Bulk Density	ASTM D 1895 method B	kg/dm3	0.4	
Solution Viscosity	KM06	Pa.s	0.7	a
300% Modulus	ISO 37	MPa	4.1	
Elongation at Break	ISO 37	%	1100	
Tensile Strength	ISO 37	Mpa	30	

**a** Measured on 15% mass solution in toluene at 25°C using a Brookfield viscometer, LTF or LTV model

**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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