



K0017  
Europe

**KRATON™ D1192 A Polymer**

**Data Document**

Identifier : K017DDm22E

**Description**

Kraton D1192 A is a clear linear block copolymer based on styrene and butadiene with bound styrene of 30% mass. It is supplied from Europe in the physical forms described below:

- Kraton D1192 AT - supplied as porous pellets dusted with talc
- Kraton D1192 AS - supplied as porous pellets dusted with amorphous silica
- Kraton D1192 ASM - supplied as powder dusted with amorphous silica
- Kraton D1192 ATM - supplied as powder dusted with talc for the North American market

Kraton D1192 A 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
Vis, Sol (Toluene) 25.0%w @25C	KM 06	Pa.s	1.4 TO 2.4	
Molecular Weight	KM 01	kg/mol	138 TO 162	
Polystyrene Content	KM 03	%m	28.5 TO 32.5	
Vinyl Content	KM 03	%	≥ 35	
Triblock Content	KM 01	%	≥ 90	
Total Extractables	KM 05	%m	≤ 1.0	
Volatile Matter	KM 04	%m	≤ 0.3	
Antioxidant Content	KM 08	%m	≥ 0.16	a
Ash (AS, AT)	ISO 247	%m	0.1 TO 0.4	
Ash (ATM)	BAM 908	%w	4.0 TO 6.0	
Ash (ASM)	ISO 247	%m	2.5 TO 5.0	
<b>a</b>	Non-staining phenolic antioxidant			

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

Property	Test Method	Units	Typical Value	Notes
Hardness, Shore A (15 sec)	ASTM D 2240	Hardness, Shore A (15 sec)	70	a
Bulk Density	ASTM D 1895 method B	kg/dm3	0.4	
Specific Gravity	ISO 2781		0.94	
Melt Flow Rate, 200C/5kg	ISO 1133	g/10min.	< 1	
300% Modulus	ISO 37	MPa	4.8	
Elongation at Break	ISO 37	%	1000	
Tensile Strength	ISO 37	Mpa	33	
<b>a</b>	Measured on compression molded slabs			

**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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