



K0010  
Europe

**KRATON™ D1184 A Polymer**

**Data Document**

Identifier : K010DDj21E

**Description**

Kraton D1184 A is a clear, branched block copolymer based on styrene and butadiene with bound styrene of 30% mass. It is supplied from Europe in the physical forms identified as follows in the grade nomenclature:

- Kraton D1184 AS - supplied as porous pellets dusted with amorphous silica
- Kraton D1184 AT - supplied as porous pellets dusted with talc
- Kraton D1184 ASM - supplied as powder dusted with amorphous silica
- Kraton D1184 AIM - supplied as powder dusted with calcium carbonate for supply to the North American market

Kraton D1184 A polymer is used as a modifier of bitumen in roofing felt compounds, roads and pipe coating. 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	29.0 TO 31.0	
Vis, Sol (Toluene) 15.0%w @25C	KM 06	Pa.s	1.00 TO 1.40	
Total Extractables	KM 05	%m	≤ 1.4	
Volatile Matter	KM 04	%m	≤ 0.3	
Antioxidant content	KM 08	%m	≥ 0.14	a
Ash (AS, AT)	ISO 247	%m	≤ 0.4	
Ash (ASM)	ISO 247	%m	2.5 TO 5.0	b
Ash (AIM)	ISO 247	%m	4.0 TO 6.0	c
<b>a</b>	Only refers to primary antioxidant content			
<b>b</b>	Milled product with silica dusting agent			
<b>c</b>	Milled product with calcium carbonate dusting agent			

**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	
Hardness, Shore A (30 sec)	ISO 868	Hardness, Shore A (30 sec)	75	
Elongation at Break	ISO 37	%	820	
Melt Flow Rate, 200°C/5kg	ISO 1133	g/10min.	≤1	
Tensile Strength	ISO 37	Mpa	27	
300% Modulus	ISO 37	MPa	2.5	

**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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