



743  
North America

KRATON™ D1191 K

Data Document

Identifier : K743DDa24NA

**Description**

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

- Kraton D1191 KT - supplied as porous pellets dusted with talc
- Kraton D1191 KTM - supplied as powder dusted with calcium carbonate for supply to the North American market

Kraton D1191 K 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	
Total Extractables	KM 05	%m	<= 1.0	
Volatile Matter	KM 04	%m	<= 1.0	
Antioxidant	BAM 929	%w	0.20 TO 0.40	a
Dust (KT)	BAM 908	%w	0.15 TO 0.35	c
Dust (KTM)	BAM 908	%w	4.00 TO 6.00	c
<b>a</b>	Non-staining phenolic antioxidant			
<b>c</b>	Talc			

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

Property	Test Method	Units	Typical Value	Notes
Tensile Strength	ASTM D 412	psi	4400	d
300% Modulus	ASTM D 412	psi	600	d
Elongation at Break	ASTM D 412	%	1100	d
Specific Gravity	ISO 2781		0.94	
Solution Viscosity	BAM 922	cps	700	f
<b>d</b>	Measured on film cast from toluene solution.			
<b>f</b>	Measured on 15% mass solution in toluene at 25 C			

**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.