



K711
North America
9/30/2021

KRATON™ D1192 K Polymer

Data Document

Identifier : K711DDc21U

Description

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

- Kraton D1192 KT - supplied as porous pellets dusted with talc
- Kraton D1192 KTM - supplied as powder dusted with talc for the North American market

Kraton D1192 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	30.5 TO 34.5	
Vinyl Content	KM 03	%	\geq 35	
Total Extractables	KM 05	%m	\leq 1.0	
Volatile Matter	KM 04	%m	\leq 1.0	
Antioxidant	BAM 929	%w	0.20 TO 0.40	a
Solution Viscosity	BAM 922	cP		b
Dust (KT)	BAM 908	%w	0.15 TO 0.35	c
Dust (KTM)	BAM 908	%w	4.00 TO 6.00	c

- a** Non-staining phenolic antioxidant
b 25%w toluene solution at 25 degrees C
c 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	4600	d
300% Modulus	ASTM D 412	psi	700	d
Elongation at Break	ASTM D 412	%	1000	d
Specific Gravity	ISO 2781		0.94	
Hardness, Shore A (15 sec)	ASTM D 2240	Hardness, Shore A (15 sec)	70	e
Melt Flow Rate, 200C/5kg	ISO 1133	g/10min.	Less Than 1	
Solution Viscosity	BAM 922	cps	1800	f

- d** Measured on film cast from toluene solution.
e Measured on slabs compression molded at 350F.
f Measured on 25% mass solution in toluene at 25 C

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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End Use Requirements

If the finished article is intended for use in food contact and packaging applications, toys, or human contact areas, manufacturers of the final product should observe all relevant regulations. Some of these regulations require tests to be carried out on the final product, e.g. migration. These are the responsibility of the final product manufacturer. Information on the food packaging clearances of individual products is available from Kraton Polymers.

Safety and Handling Precautions

Read the GHS Data Sheet carefully and thoroughly before beginning any work.

Legal Disclaimer

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For Further Information

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