



K0620
North America

KRATON™ D1113 K Polymer

Data Document

Identifier : K620DDb17U

Description

Kraton D1113 K is a clear, linear block copolymer based on styrene and isoprene with a polystyrene content of 16%. It is supplied from North America in the physical form identified below.

- D1113 KT - supplied as a dusted pellet

Kraton D1113 K is used as an ingredient in formulating adhesives, sealants and coatings. It may also find use as a modifier of bitumen or thermoplastics and in compound formulations.

Sales Specifications

Property	Test Method	Units	Sales Specification Range	Notes
Antioxidant	KM 08	%m	0.15 TO 0.30	a
Dust, Fine Talc	BAM 908	%w	0.30 TO 0.70	
Polystyrene Content	KM 03	%m	15.1 TO 17.3	
Volatile Matter	KM 04	%m	<= 0.5	
Vis, Sol (Toluene) 25.0%w @25C	BAM 922	cP	470 TO 890	

a 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
Melt Index 200C, 5 kg	ASTM D 1238	gms/10 min.	16.5	
Elongation at break	ASTM D-412	%	1500	c
Diblock content	n/a		56	
Hardness	ASTM 2240	Shore A (10s)	23	b
Styrene / Rubber ratio	n/a		16/84	
300% Modulus	ASTM D-412	psi	50	c
Specific Gravity	ASTM D 792		0.92	
Tensile strength	ASTM D-412	psi	600	c

b Typical values on polymer compression molded at 300F.

c Typical properties determined on film cast from toluene solution.

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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