KRATON

K0132
North America
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KRATON™ D1113 P Polymer

Data Document

Identifier : K132DDs24U

Description

Kraton D1113 P 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.

- Kraton D1113 PT - supplied as a dusted dense pellet with talc
- Kraton D1113 PK - supplied as a dusted dense pellet with kaolin

Kraton D1113 P 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	0.08 TO 0.30	
Dust, Fine Talc	BAM 908	%w	0.20 TO 0.40	
Dust, Kaolin	BAM 908	%w	0.10 TO 0.50	
Polystyrene Content	KM 03	%m	15.1 TO 17.3	
Vis, Sol (Toluene) 25.0%w @25C	BAM 922	cP	470 TO 890	
Volatile Matter	KM 04	%m	<= 0.5	

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

Property	Test Method	Units	Typical Value	Notes
Specific Gravity	ASTM D 792		0.92	
Tensile strength	ASTM D-412	psi	600	c
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
Melt Flow Rate 200C / 5kg	ISO 1133	g/10min	17	

b Typical values on polymer compression molded at 300F.
c Typical properties determined on film cast from toluene solution.

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.

End Use Requirements

The end user of the product is solely responsible to comply with all regulatory and testing requirements applicable to the end use of the finished article incorporating the product.
Information regarding the regulatory status of the product is available from Kraton on request.

Safety and Handling Precautions

Read the GHS Data Sheet carefully and thoroughly before handling and using the product. If you are unable to locate the GHS Safety Data Sheet from www.kraton.com, please contact the Product Safety support team at product.safety@kraton.com.

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