



K0377
North America
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KRATON™ D1164 P Polymer

Data Document

Identifier : K377DDn24NA

Description

Kraton D1164 P is a clear, linear triblock copolymer based on styrene and isoprene with a polystyrene content of 29%. It is supplied from North America in the physical form identified below.

- Kraton D1164 PT - supplied as a dusted dense pellet with talc
- Kraton D1164 PK - supplied as a dusted dense pellet with kaolin

Kraton D1164 P is used in compound formulations and as a modifier of thermoplastics. It may also find use in formulating adhesives, sealants, coatings and modified bitumens.

Sales Specifications

Property	Test Method	Units	Sales Specification Range	Notes
Antioxidant	KM 08	%m	0.15 TO 0.30	a
Polystyrene Content	KM 03	%m	27.5 TO 30.5	
Total Extractables	KM 05	%m	<= 1.0	
Volatile Matter	KM 04	%m	<= 0.5	
Melt Flow, 200C/5000g	ASTM D1238	g/10 min	8.0 TO 15.0	
Vis, Sol (Toluene) 25.0%w @25C	BAM 922	cP	200 TO 400	
Dust, Fine Talc	BAM 908	%w	0.15 TO 0.40	
Dust, Kaolin	BAM 908	%w	0.10 TO 0.40	

a Primary antioxidant is a non-staining, phenolic antioxidant. The antioxidant package also contains a non-TNPP secondary antioxidant at a target level of 0.2% wt.

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

Property	Test Method	Units	Typical Value	Notes
300% Modulus	BAM 1245	psi	445	
Elongation at Break	BAM 1245	%	1000 NULL	
Tensile Strength	BAM 1245	psi	4000 NULL	
Hardness, Shore A	ASTM D 2240	Shore A (10 sec)	53	
Styrene / Rubber ratio	n/a		29/71	

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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