



K0377
North America

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.