



K0171
North America
3/8/2023

KRATON™ D1124 P Polymer

Data Document

Identifier : K171DDq23U

Description

Kraton D1124 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.

- Kraton D1124 PT - supplied as a dusted dense pellet with talc
- Kraton D1124 PK - supplied as a dusted dense pellet with kaolin

Kraton D1124 P is a clear, branched copolymer based on styrene and isoprene with a polystyrene content of 30%. It is supplied from North America in the physical form identified below.

Sales Specifications

Property	Test Method	Units	Sales Specification Range	Notes
Antioxidant	KM 08	%m	0.08 TO 0.30	
Dust, Talc	BAM 908	%w	0.15 TO 0.35	a
Dust, Kaolin	BAM 908	%w	0.10 TO 0.50	b
Polystyrene Content	KM 03	%m	28.4 TO 31.6	
Total Extractables	KM 05	%m	≤ 1.2	
Vis, Sol (Toluene) 25.0%w @25C	BAM 922	cP	280 TO 400	
Volatile Matter	KM 04	%m	≤ 0.5	

a Talc
b Kaolin

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	2100	c
Hardness	ASTM 2240	Shore A (10s)	54	b
300% Modulus	ASTM D-412	psi	430	c
Styrene / Rubber ratio	n/a		30/70	
Elongation at break	ASTM D-412	%	1100	c
Specific Gravity	ASTM D 792		0.94	
Diblock content	n/a		29	
Melt Index 200C, 5 kg	ASTM D 1238	gms/10 min.	4	

b Typical values on polymer compression molded at 300F.
c Measured on films cast from a 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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