



K0171
North America

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.