



K0169
North America

KRATON™ D1114 P Polymer

Data Document

Identifier : K169DDv24U

Description

Kraton D1114 P is a clear, linear triblock copolymer based on styrene and isoprene with a polystyrene content of 19%. It is supplied from North America in the physical form identified below.

- Kraton D1114 PT - supplied as a dusted dense pellet with talc
- Kraton D1114 PK - supplied as a dusted dense pellet with kaolin

Kraton D1114 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	a
Ash, T	BAM 908	%w	0.20 TO 0.40	b
Dust, Kaolin	BAM 908	%w	0.10 TO 0.50	c
Melt Flow, 200C/5000g	ASTM D1238	g/10 min	7.0 TO 13.0	
Polystyrene Content	KM 03	%m	16.9 TO 20.5	
Total Extractables	KM 05	%m	<= 1.0	
Vis, Sol (Toluene) 25.0%w @25C	BAM 922	cP	600 TO 1,000	
Volatile Matter	KM 04	%m	<= 0.5	
a Primary antioxidant is a non-staining phenolic antioxidant. The antioxidant package also contains a non-TNPP secondary antioxidant at a target of 0.2% wt.				
b Talc				
c Kaolin				

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

Property	Test Method	Units	Typical Value	Notes
Diblock content	n/a		<1	
Elongation at break	ASTM D-412	%	1300	b
Specific Gravity	ASTM D 792		0.92	
Styrene / Rubber ratio	n/a		19/81	
300% Modulus	ASTM D-412	psi	270	b
Tensile strength	ASTM D-412	psi	4600	b
b 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.