



K0169
North America
2/28/2023

KRATON™ D1114 P Polymer

Data Document

Identifier : K169DDu23U

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

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
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			

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.

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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