



K0390
North America
2/7/2024

KRATON™ G1702 H Polymer

Data Document

Identifier : K390DDo24U

Description

Kraton G1702 H 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 G1702 HU - supplied as an undusted powder
- Kraton G1702 HF - supplied as a dusted powder

Kraton G1702 H is a clear, linear diblock copolymer based on styrene and ethylene/propylene with a polystyrene content of 28%. It is supplied from North America in the physical form identified below.

Sales Specifications

Property	Test Method	Units	Sales Specification Range	Notes
Polystyrene Content	KM 03	%m	26.2 TO 29.0	c
Volatile Matter	KM 04	%m	≤ 0.4	
Antioxidant	KM 08	%w	0.03 TO 0.20	a
Visc,Kin,1.23%w (@100C)	BAM 1201	cSt	18.0 TO 22.0	b

- a** Non-staining phenolic antioxidant.
- b** Kinematic Viscosity, 1.23%w (@100C)
- c** Measured on the polymer before hydrogenation.

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

Property	Test Method	Units	Typical Value	Notes
Elongation at break	ASTM D-412	%	≤100	d
Melt index 230°C, 5kg	n/a	gms/10 min.	≤1	
Hardness	ASTM 2240	Shore A (10s)	41	c
Specific gravity	ASTM D4025	gm/cc	0.91	
Tensile strength	ASTM D-412	psi	300	d
Styrene / Rubber ratio	n/a		28/72	
Diblock content	n/a		100	

- c** Typical values on polymer compression molded at 350F.
- d** Measured on films cast from a solution in toluene.

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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