



K0390
North America

KRATON™ G1702 H Polymer

Data Document

Identifier : K390DDm17U

Description

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.

- Kraton G1702 HU - supplied as a powder.

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.

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 Polymers are available in a number of different package types. For information specific to this grade, please contact your local Kraton Polymers representative.

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