



K0390  
North America

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.