



K0657
North America

KRATON™ G1701 M Polymer

Data Document

Identifier : K657DDc24U

Description

Kraton G1701 M is a clear, linear diblock copolymer based on styrene and ethylene/propylene with a polystyrene content of 37%. It is supplied from North America in the physical form identified below.

- Kraton G1701 MU - supplied as a powder.

Kraton G1701 M is used as a modifier of bitumen and polymers. It is also suitable as an ingredient in formulating compounds for footwear applications and may be used in formulating adhesives, sealants, and coatings.

Sales Specifications

Property	Test Method	Units	Sales Specification Range	Notes
Visc,Kin,1.70%w (@100C)	BAM 1201	cSt	16.0 TO 19.0	
Volatile Matter	KM 04	%m	<= 0.5	
Total Extractables	KM 05	%m	<= 1.5	
Polystyrene Content	KM 03	%m	34.7 TO 38.5	b
Antioxidant	KM 08	%w	0.03 TO 0.20	a

a Non-staining phenolic antioxidant.

b 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%	
Melt Index 230°C, 5 kg	ASTM D 1238	gms/10 min.	1	
Styrene / Rubber ratio	n/a		37/63	
Hardness, Shore A	ASTM D 2240	Shore A (10 sec)	64	
Specific Gravity	ASTM D 792	g/cc	.92	
Tensile Strength	ASTM D 412	psi	300	
Diblock Content	n/a		100%	

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.