KRATON® G1701 M

Styrene Ethylene Propylene Styrene Block Copolymer

Kraton Polymers LLC

Message:

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.

General Information	
Additive	Antioxidant
Features	Antioxidant Copolymer
Uses	Adhesives Coating Applications Compounding Footwear Plastics Modification Sealants
Appearance	Clear/Transparent
Forms	Powder
Processing Method	Coating Compounding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	1.0	g/10 min	ASTM D1238
Antioxidant Additive [1]	0.0 to 0.2	wt%	Internal Method
Polystyrene Content	35 to 39	%	Internal Method
Total Extractables	< 3.0	%	Internal Method
Viscosity [2] (100°C)	15.0 to 19.0	cSt	Internal Method
Volatile Matter	< 1.0	%	Internal Method
Diblock Content	100	%	
Styrene/Rubber ratio	37/63		
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A, 10 sec)	64		ASTM D2240
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	2.07	MPa	ASTM D412

Tensile Elongation (Break)	100	%	ASTM D412

NOTE	
1.	Non-staining phenolic antioxidant
2.	Kin,1.70%wt (ENJ404)

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

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