KRATON® G1650 M

Styrene Ethylene Butylene Styrene Block Copolymer

Kraton Polymers LLC

Message:

Kraton G1650 M is a clear, linear triblock copolymer based on styrene and ethylene/butylene with a polystyrene content of 30%. It is supplied from North America in the physical form identified below.
Kraton G1650 MU - supplied as a powder
Kraton G1650 M is used in compound formulations and as a modifier of thermoplastics. It may also find use in formulating adhesives, sealants, coatings and modified bitumens.

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

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.910	g/cm³	ASTM D4025
Apparent Density	0.22	g/cm³	
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	< 1.0	g/10 min	ASTM D1238
Antioxidant Additive [1]	0.030 to 0.10	%	Internal Method
Polystyrene Content	29 to 32	%	Internal Method
Solution Viscosity - Toluene, 25%wt (25°C)	1.1 to 1.9	Pa·s	Internal Method
Total Extractables	< 1.0	%	Internal Method
Volatile Matter	< 1.0	%	Internal Method
Styrene/Rubber ratio	30/70		
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A, 10 sec)	72		ASTM D2240
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (300% Strain)	5.52	MPa	ASTM D412
Tensile Strength (Yield)	34.5	MPa	ASTM D412
Tensile Elongation (Break)	500	%	ASTM D412

NOTE	
1.	Non-staining phenolic antioxidant

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China