KRATON® G1652 E

Styrene Ethylene Butylene Styrene Block Copolymer

Kraton Polymers LLC

Message:

Kraton G1652 E polymer is a clear, linear triblock copolymer based on styrene and ethylene/butylene, S-E/B-S, with bound styrene of 30% mass. It is supplied from Europe in the physical form shown below.
Kraton G1652 EU - supplied as undusted fluffy crumb
Kraton G1652 ES - supplied as fluffy crumb dusted with amorphous silica
Kraton G1652 E is used as a modifier of bitumen or thermoplastics and in compound formulations. 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	Copolymer Good Weather Resistance High Heat Resistance		
Uses	Adhesives Asphalt Modification Coating Applications Compounding Plastics Modification Sealants		
Appearance	Clear/Transparent		
Forms	Crumb		
Processing Method	Compounding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.908	g/cm³	ISO 2781
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	6.0	g/10 min	ISO 1133
Bound Styrene	28.2 to 30.0	%	Internal Method
Antioxidant Additive	> 0.030	%	Internal Method
Ash Content - ES	0.70 to 1.1	%	ISO 247
Solution Viscosity - Toluene, 20%wt (25°C)	400 to 530	mPa·s	Internal Method
Total Extractables	< 1.0	%	Internal Method
Volatile Matter	< 0.60	%	Internal Method
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A, 10 sec)	69		ASTM D2240
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (300% Strain)	4.80	MPa	ISO 37
Tensile Stress (Yield)	31.0	MPa	ISO 37
Tensile Elongation (Break)	500	%	ISO 37

Recommended distributors for this material

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