

KRATON® G1726 M

Styrene Ethylene Butylene Styrene Block Copolymer

Kraton Polymers LLC

Message:

Kraton G1726 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 G1726 MS - is supplied as a dusted, dense pellet.

Kraton G1726 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	Pellets		
Processing Method	Coating		
	Compounding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.910	g/cm ³	ASTM D4025
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	15 to 23	g/10 min	ASTM D1238
Antioxidant Additive ¹	0.030 to 0.10	%	Internal Method
Ash Content - S, Silica	0.010 to 0.20	%	Internal Method
Polystyrene Content	29 to 32	%	Internal Method
Solution Viscosity - Toluene, 25%wt (25°C)	140 to 220	mPa · s	Internal Method
Total Extractables	< 1.0	%	Internal Method
Volatile Matter	< 1.0	%	Internal Method
Diblock Content	70.0		
Styrene/Rubber ratio	30/70		
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec, Compression Molded)	70		ASTM D2240

Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	2.41	MPa	ASTM D412
Tensile Elongation (Break)	200	%	ASTM D412

NOTE

1. Non-staining phenolic antioxidant

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