

KMI KM4291-HSBCS

Styrene Ethylene Butylene Styrene Block Copolymer

KMI Group, Inc.

Message:

KM4291-HSBCS is a clear, linear triblock copolymer based on styrene and ethylene/butylene with a polystyrene content of 13%. It is supplied from North America in the physical form identified below.

KM4291-HSBCS - supplied as a dusted pellet

KM4291-HSBCS is used as a modifier of bitumen or thermoplastics and in compound formulations. It may also find use as an ingredient in formulating adhesives, sealants and coatings.

General Information			
Features	Block Copolymer		
	Linear polymer structure		
Uses	Composite		
	Asphalt modification		
	Sealant		
	Plastic modification		
	Coating application		
	Adhesive		
Appearance	Clear/transparent		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	40	g/10 min	ASTM D1238
Solution Viscosity	19	Pa · s	
Styrene/Rubber ratio	13/87		
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	49		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	23.4	MPa	ASTM D412
Tensile Elongation (Break)	750	%	ASTM D412

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