

Globalprene® 3412

Styrene Butadiene Styrene Block Copolymer
Lee Chang Yung Chemical Industry Corp.

Message:

Property
radial block copolymer
high strength and low viscosity
high tensile strength
Application
modifier for asphalt mixtures
plastics modification
shoe sole modification

General Information			
Features	Block Copolymer		
	Branched Polymer Structure		
	High Strength		
	High Tensile Strength		
	Low Viscosity		
Uses	Asphalt Modification		
	Footwear		
	Plastics Modification		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.940	g/cm ³	ASTM D792
Ash Content	< 1.0	%	ASTM D1416
Block Styrene	33	%	ASTM D3314
Volatile Matter	< 1.0	%	ASTM D1416
Brookfield Viscosity	20.0	Pa · s	ASTM D1084
BD/SM Ratio	67/33 %		ASTM D1416
Diblock Content	15	%	ASTM D5296
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	80		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	2.94	MPa	ASTM D412
Tensile Strength	19.6	MPa	ASTM D412
Tensile Elongation (Break)	700	%	ASTM D412

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