

Asaprene™ T-411

Styrene Butadiene Styrene Block Copolymer
AKelastomers

Message:

High molecular weight, for enhanced adhesive characteristics in pressure-sensitive and other adhesives and heightened softening point in asphalts. It is supplied in crumb or powder form.

General Information			
Features	High Molecular Weight		
Uses	Adhesives		
	Asphalt Modification		
	Footwear		
Forms	Crumb		
	Powder		

Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/2.16 kg	0.0	g/10 min	
200°C/5.0 kg	0.0	g/10 min	
Styrene/Butadiene	30/70	%	Internal Method
Viscosity			Internal Method
10% solution in toluene	270	mPa·s	
25% solution in toluene	20200	mPa·s	

Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 23°C, 2.00 mm, Compression Molded)	75		ISO 7619

Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (300% Strain, 23°C, 2.00 mm)	2.30	MPa	ISO 37
Tensile Stress ² (Break, 23°C, 2.00 mm)	20.0	MPa	ISO 37
Tensile Elongation ³ (Break, 23°C, 2.00 mm)	750	%	ISO 37

NOTE	
1.	Type 1A
2.	Type 1A
3.	Type 1A

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