

Tuftec™ H1051

Styrene Ethylene Butylene Styrene Block Copolymer
AKelastomers

Message:

Polymer relatively high in styrene content, with long-chain styrene blocks. Particularly effective for high mechanical strength, and for compatibilization of styrenic resins and polyphenyleneethers (PPEs). It is supplied in pellet form.
Olefinic and styrenic resins modifier, for high impact strength. Compatibilizer. Adhesives and sealants component.

General Information			
Features	High Impact Resistance		
	High Strength		
Uses	Adhesives		
	Plastics Modification		
	Sealants		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.930	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.80	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	96		ISO 7619
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	8.30	MPa	ISO 37
Tensile Stress ¹ (Break)	32.3	MPa	ISO 37
Tensile Elongation ² (Break)	600	%	ISO 37
NOTE			
1.	Type 1A, 500 mm/min		
2.	Type 1A, 500 mm/min		

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