

Tuftec™ M1911

Styrene Ethylene Butylene Styrene Block Copolymer
AKelastomers

Message:

Polymer with molecular chain bearing highly reactive functional groups, imparting high mechanical strength without impairing flowability. Low-quantity functional group content, enabling high-level balance of engineering plastics modification and compatibilization. Modification also enhances adhesion to metals and other resins. It is supplied in pellet form.

Applications:

Modification of polyamides (PA) and other engineering plastics, for high impact strength. Compatibilization. Adhesives and sealants component.

General Information			
Features	Good Flow		
	High Reactivity		
Uses	Adhesives		
	Plastics Modification		
	Sealants		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.5	g/10 min	ISO 1133
Acid Number - mg CH3ONa/g polymer	2.00		Internal Method
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	84		ISO 7619
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	4.10	MPa	ISO 37
Tensile Stress ¹ (Break)	22.0	MPa	ISO 37
Tensile Elongation ² (Break)	650	%	ISO 37
NOTE			
1.	Type 1A, 500 mm/min		
2.	Type 1A, 500 mm/min		

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