

Tuftec™ MP10

Styrene Ethylene Butylene Styrene Block Copolymer
AKelastomers

Message:

Asahi Kasei Tuftec™ MP10 is amine-modified SEBS. MP10 can be used as a modifier for engineering plastics such as polyamide (PA) or polyester (PEs), polylactic acid (PLA) and thermoplastic polyurethane (TPU). It is particularly suitable for an adhesive to TPU. It is also used as a compatibilizer of PS or olefinic resin and polar resins. It shows excellent adhesion to inorganic fillers, which can achieve good dispersion of inorganic fillers into plastics.

General Information			
Features	Good adhesion		
Uses	Plastic modification		
	Adhesive		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	89		ISO 7619
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	5.60	MPa	ISO 37
Tensile Stress ¹ (Break)	28.0	MPa	ISO 37
Tensile Elongation ² (Break)	600	%	ISO 37
Additional Information	Nominal Value		Test Method
Styrene/Rubber ratio	30/70		Internal method
NOTE			
1.	Type 1A, 500mm/min		
2.	Type 1A, 500mm/min		

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