Tuftec™ H1041

Styrene Ethylene Butylene Styrene Block Copolymer

AKelastomers

Message:

Relatively low molecular weight and thus high processability and flowability, along with superior balance of mechanical strength as elastomer and elongation.
Olefinic and styrenic resins modifier, for high impact strength. Compatibilizer. Adhesives and sealants component. Base polymer of SEBS molding compounds.

General Information			
Features	Good Flow		
	Good Processability		
	High Elongation		
	High Impact Resistance		
	Low Molecular Weight		
Uses	Adhesives		
	Compounding		
	Sealants		
Forms	Pellets		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.910	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ISO 1133
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness (Shore A)	84		ISO 7619
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (300% Strain)	3.40	MPa	ISO 37
Tensile Stress [1] (Break)	21.6	MPa	ISO 37
Tensile Elongation [2] (Break)	650	%	ISO 37
Additional Information	**Nominal Value**		**Test Method**
Styrene/Rubber ratio	30/70		Internal Method
NOTE			
1.	Type 1A, 500 mm/min		
2.	Type 1A, 500 mm/min		

Recommended distributors for this material

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