

# Tuftec™ H1052

Styrene Ethylene Butylene Styrene Block Copolymer  
AKelastomers

Message:

Polymer relatively low in styrene content and thus high in flexibility, flowability, and processability. Highly effective for imparting these characteristics to olefinic and styrenic resins. It is supplied in pellet form.

Applications:  
Olefinic and styrenic resins modifier, for high impact strength. Compatibilizer. Flexible films, adhesives and sealants component. Base polymer for SEBS compounds.

General Information			
Features	Good Flexibility		
	Good Processability		
	High Flow		
	High Impact Resistance		
Uses	Adhesives		
	Film		
	Sealants		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.890	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ISO 1133
Styrene/Butadiene	20/80	wt%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	67		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	2.50	MPa	ISO 37
Tensile Stress <sup>1</sup> (Break)	11.8	MPa	ISO 37
Tensile Elongation <sup>2</sup> (Break)	700	%	ISO 37
NOTE			
1.	Type 1A, 500 mm/min		
2.	Type 1A, 500 mm/min		

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