

Tuftec™ H1031

Styrene Ethylene Butylene Styrene Block Copolymer
AKelastomers

Message:

Low molecular weight and thus low viscosity; therefore preferred especially for applications demanding high processability and high flowability. It is supplied in pellet form.
Olefinic resins modifier, for high impact strength. Compatibilizer. Adhesives and sealants component.

General Information			
Features	Good Processability		
	High Flow		
	High Impact Resistance		
	Low Molecular Weight		
	Low Viscosity		
Uses	Adhesives		
	Plastics Modification		
	Sealants		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.910	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	17	g/10 min	
200°C/5.0 kg	80	g/10 min	
230°C/2.16 kg	150	g/10 min	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	82		JIS K6253
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 300% Secant	3.20	MPa	JIS K6251
Tensile Strength (Yield)	12.7	MPa	JIS K6251
Tensile Elongation (Break)	650	%	JIS K6251

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