

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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