

Jampilen EP200M

Polypropylene Copolymer
Jam Polypropylene Company

Message:

Jampilen EP200M is a heterophasic copolymer, suitable for injection molding applications. The product exhibits very high impact even at low temperatures combined with medium rigidity. Jampilen EP200M is typically used in toys, household appliances and technical articles.

General Information			
Features	Controlled Rheology		
	Low Temperature Impact Resistance		
	Medium Rigidity		
	Ultra High Impact Resistance		
Uses	Appliances		
	Engineering Parts		
	Toys		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	40.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	900	MPa	ISO 527-2
Tensile Stress (Yield)	19.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	6.0	%	
Break	50	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	9.0	kJ/m ²	
0°C	12	kJ/m ²	
23°C	58	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	72.0	°C	ISO 75-2/B
Vicat Softening Temperature	138	°C	ISO 306/A50
Optical	Nominal Value		Test Method
Gloss (60°)	65		DIN 67530

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