

Jampilen EP540P

Polypropylene Copolymer
Jam Polypropylene Company

Message:

Jampilen EP540P is a nucleated heterophasic copolymer, suitable for injection molding applications. It exhibits high stiffness combined with good impact balance. Jampilen EP540P is typically used in luggage, houseware items, containers, caps and closures. Jampilen EP540P is suitable for food contact.

General Information			
Additive	Nucleating Agent		
Features	Copolymer		
	Food Contact Acceptable		
	Good Impact Resistance		
	High Stiffness		
	Nucleated		
Uses	Caps		
	Closures		
	Containers		
	Household Goods		
	Luggage		
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)	15	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	63.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1400	MPa	ISO 527-2
Tensile Stress (Yield)	28.0	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/A
-20°C	3.0	kJ/m ²	
0°C	3.5	kJ/m ²	
23°C	7.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method


Heat Deflection Temperature (0.45 MPa, Unannealed)	90.0	°C	ISO 75-2/B
Vicat Softening Temperature	151	°C	ISO 306/A50

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