

Jampilen HP540J

Polypropylene Homopolymer

Jam Polypropylene Company

Message:

Jampilen HP540J is a nucleated homopolymer for extrusion and thermoforming applications. Jampilen HP540J exhibits good stiffness and transparency. The main applications of Jampilen HP540J are fruit baskets, trays, transparent drinking cups and containers. Jampilen HP540J is manufactured to the highest standards but special requirements apply to certain applications such as food end-use contact and direct medical use.

General Information			
Additive	Nucleating Agent		
Features	Good Stiffness		
	High Clarity		
	Homopolymer		
	Nucleated		
Uses	Containers		
	Cups		
	Household Goods		
	Support Trays		
Processing Method	Extrusion		
	Solid Phase Press. Form. Thermoforming		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.2	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1600	MPa	ISO 527-2/1
Tensile Stress (Yield)	37.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield	9.0	%	
Break	> 50	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m ²	ISO 179/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	90.0	°C	ISO 75-2/B
Vicat Softening Temperature	154	°C	ISO 306/A50
Optical	Nominal Value	Unit	Test Method

Gloss (60°)	113		ASTM D2457
Haze (1000 μm)	40	%	ASTM D1003

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