

Jampilen HP648T

Polypropylene Homopolymer

Jam Polypropylene Company

Message:

Jampilen HP648T is a homopolymer polypropylene for injection molding applications bearing nucleation and antistatic additivation. Jampilen HP648T exhibits very good flowability and good stiffness. The main applications of Jampilen HP648T are thin walled injection molding applications especially in dairy and other food packaging products. Jampilen HP648T is suitable for food contact.

General Information			
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Food Contact Acceptable		
	Good Flow		
	Good Stiffness		
	Homopolymer		
	Nucleated		
Uses	Containers		
	Food Packaging		
	Household Goods		
	Thin-walled Containers		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	53	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	80.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1600	MPa	ISO 527-2/1
Tensile Stress (Yield)	35.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield	8.0	%	
Break	50	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.0	kJ/m ²	ISO 179/A
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (0.45 MPa, Unannealed)	95.0	°C	ISO 75-2/B
Vicat Softening Temperature	154	°C	ISO 306/A50

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