Jampilen HP548R

Polypropylene Homopolymer

Jam Polypropylene Company

Message:

Jampilen HP548R is a homopolymer polypropylene for injection molding applications bearing nucleation and antistatic additivation. Jampilen HP548R exhibits good stiffness combined with good flowability. The main applications of Jampilen HP548R are caps, closures, furniture and housewares. Jampilen HP548R is suitable for food contact.

General Information	
Additive	Antistatic
	Nucleating Agent
Features	Antistatic
	Food Contact Acceptable
	Good Flow
	Good Stiffness
	Homopolymer
	Nucleated
Uses	Caps
	Closures
	Containers
	Furniture
	Household Goods
	Thin-walled Containers
Processing Method	Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	23	g/10 min	ISO 1133

Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	78.0	MPa	ISO 2039-1

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1650	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)	2.5	kJ/m²	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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