

Jampilen RP348R

Polypropylene Random Copolymer

Jam Polypropylene Company

Message:

Jampilen RP348R is a nucleated and antistatic additivated random copolymer suitable for injection molding that displays excellent transparency combined with good flowability. The main applications of Jampilen RP348R are housewares and caps & closures.

General Information			
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Good Flow		
	High Clarity		
	Nucleated		
	Random Copolymer		
Uses	Caps		
	Closures		
	Household Goods		
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)	23	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	60.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1150	MPa	ISO 527-2
Tensile Stress (Yield)	30.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	14	%	
Break	> 50	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/A
0°C	3.0	kJ/m ²	
23°C	6.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	76.0	°C	ISO 75-2/B

Vicat Softening Temperature	130	°C	ISO 306/A50
Optical	Nominal Value	Unit	Test Method
Gloss (60°)	85		ASTM D2457
Haze (1000 μm)	9.0	%	ASTM D1003

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