



Jampilen RP348R

Random Copolymer

Description:

"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.

Processing Method:

Injection molding

Features:

Good Flow
High Clarity
Nucleated
Antistatic
Random copolymer

Typical Applications:

Housewares
Caps & Closures

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
Physical			
Melt Flow Rate (230 °C, 2.16kg)	23	g/10min	ISO 1133
Density	0.9	g/cm ³	ISO 1183
Mechanical			
Tensile Modulus	1150	MPa	ISO 527-1, -2
Tensile Strength at Yield	30	MPa	ISO 527-1, -2
Tensile Elongation at Break	>50	%	ISO 527-1, -2
Tensile Elongation at Yield	14	%	ISO 527-1, -2
Charpy impact strength (Notch A)			ISO 179
23 °C	6	kJ/m ²	
0 °C	3	kJ/m ²	
Ball indentation hardness (H 358/30)	60	MPa	ISO 2039-1
Thermal			
Vicat softening point A50	130	°C	ISO 306
H.D.T. B (0.45 MPa)	76	°C	ISO 75B-1, -2
Optical			
Haze (1 mm)	9	%	ASTM D1003
Gloss (60°)	85	---	ASTM D2457

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