



Jampilen RP348U

Random Copolymer

JAMPILen Polypropylene

Description:

"Jampilen RP348U" is a new random copolymer featuring very high fluidity. It is suitable for injection molding applications. "Jampilen RP348U" is nucleated and contains anti-static additive. "Jampilen RP348U" exhibits very high fluidity while maintaining the standard stiffness impact balance of a lower melt flow random copolymer. The product exhibits very good transparency and gloss.

"Jampilen RP348U" can be used in housewares and in food packaging. Its high fluidity allows short processing cycle times, molding of very thin wall items and very complex geometry.

Processing Method:

Injection molding

Features:

Very high fluidity
Very good transparency and gloss
Nucleated
Antistatic properties
Random copolymer

Typical Applications:

Very thin wall Items
Sports, Leisure and Toys
Housewares
Clear Containers

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
Physical			
Melt Flow Rate (230 °C, 2.16kg)	75	g/10min	ISO 1133
Density	0.905	g/cm ³	ISO 1183
Mechanical			
Tensile Modulus	1200	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	12	%	ISO 527-1, -2
Charpy impact strength (Notch A)			ISO 179
23 °C	3.5	kJ/m ²	
0 °C	1	kJ/m ²	
Ball indentation hardness (H 358/30)	53	MPa	ISO 2039-1
Thermal			
Vicat softening point A50	130	°C	ISO 306
H.D.T. B (0.45 MPa)	80	°C	ISO 75B-1, -2
Optical			
Haze (1 mm)	10	%	ASTM D1003

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