

Jampilen RP342N

Polypropylene Random Copolymer

Jam Polypropylene Company

Message:

Jampilen RP342N is a polypropylene random copolymer with excellent flow properties, very high transparency and gloss and good antistatic characteristics. Jampilen RP342N is mainly designed for transparent housewares and quality packaging applications. Jampilen RP342N is an outstanding grade for injection molded containers and thin-walled packaging, where clarity is of utmost importance.

General Information			
Additive	Antistatic		
Features	Antistatic		
	Food Contact Acceptable		
	High Clarity		
	High Flow		
	High Gloss		
	Random Copolymer		
Uses	Caps		
	Closures		
	Containers		
	Cosmetic Packaging		
	Food Containers		
	Food Packaging		
	Household Goods		
	Lids		
	Pharmaceutical Packaging		
	Sheet		
	Support Trays		
	Thin-walled Packaging		
Processing Method	Injection Molding		
	Sheet Extrusion		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	94		ASTM D785
Mechanical	Nominal Value	Unit	Test Method

Tensile Strength (Yield)	28.0	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	1050	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	85	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	83.0	°C	ASTM D648
Vicat Softening Temperature	128	°C	ASTM D1525 ¹
Accelerated Oven Ageing (150°C)	360	hr	ASTM D3012
Optical	Nominal Value	Unit	Test Method
Gloss	73		ASTM D2457
Haze	17	%	ASTM D1003
NOTE			

1. Loading 1 (10 N)

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