

Jampilen RP344N

Polypropylene Random Copolymer

Jam Polypropylene Company

Message:

Jampilen RP344N is a polypropylene random copolymer exhibiting excellent gloss, clarity and good flow, combined with a good balance of rigidity and impact. This grade is suitable for injection molding applications. Potential end user applications include molding of appliances, housewares and containers. Jampilen RP344N is suitable for food contact.

General Information			
Features	Food Contact Acceptable		
	Good Flow		
	Good Impact Resistance		
	Good Strength		
	High Clarity		
	High Gloss		
	High Rigidity		
	Random Copolymer		
Uses	Appliances		
	Containers		
	Household Goods		
	Packaging		
Processing Method	Injection Blow Molding		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	30.0	MPa	ASTM D638
Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus	1230	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	20	J/m	
23°C	49	J/m	
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45 MPa, Unannealed)	97.0	°C	ASTM D648
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