

# Jampilen RP340R

Polypropylene Random Copolymer

Jam Polypropylene Company

Message:

Jampilen RP340R is a nucleated polypropylene random copolymer with medium fluidity and outstanding transparency and gloss and is designed for injection molding applications. Jampilen RP340R is the material of choice for applications where transparency is a primary requirement. This grade is also suitable for injection stretch blow molded containers and bottles. This product combines good see through clarity and excellent moisture barrier properties with hot fillability. Therefore, Jampilen RP340R offers an effective alternative for PET and PVC for the packaging of non-oxygen sensitive products such as confectionary, herbs, toiletries and cosmetics.

General Information			
Features	Food Contact Acceptable		
	High Clarity		
	High Gloss		
	Medium Flow		
	Moisture Barrier		
	Nucleated		
	Random Copolymer		
Uses	Blown Containers		
	Bottles		
	Caps		
	Closures		
	Containers		
	Cosmetic Packaging		
	Food Containers		
	Food Packaging		
	Household Goods		
	Hypodermic Syringe Parts		
	Labware		
	Lids		
	Media Packaging		
	Medical/Healthcare Applications		
	Pharmaceutical Packaging		
Processing Method	Injection Molding		
	Injection Stretch Blow Molding		
Physical	Nominal Value	Unit	Test Method

Density	0.900	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	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)	65	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	127	°C	ASTM D1525 <sup>1</sup>
Accelerated Oven Ageing (150°C)	360	hr	ASTM D3012
Optical	Nominal Value	Unit	Test Method
Gloss	73		ASTM D2457
Haze (1000 µm)	22	%	ASTM D1003
NOTE			

1. Loading 1 (10 N)

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#### Recommended distributors for this material

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