

POLIMAXX 3342R

Polypropylene Random Copolymer
IRPC Public Company Limited

Message:

3342R is a Random Copolymer Polypropylene resin for injection molding with high clarity characteristic. It is suitable for clarity food container, house-ware, crates and etc. It also meets the F.D.A. requirement in the code of federal regulations in 21 CFR 177.1520 for food contact.

General Information			
Features	Food Contact Acceptable		
	High Clarity		
	Random Copolymer		
Uses	Containers		
	Crates		
	Household Goods		
Agency Ratings	FDA 21 CFR 177.1520		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	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)	30.0	MPa	ASTM D638
Tensile Elongation (Yield)	35	%	ASTM D638
Flexural Modulus - 1% Secant	1080	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.5	kJ/m²	DIN 53453
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	83.0	°C	ASTM D648
Injection	Nominal Value	Unit	
Processing (Melt) Temp	180 to 230	°C	

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