

# Moplen RP348N

Polypropylene Random Copolymer

LyondellBasell Industries

Message:

Polypropylene Random Copolymer Resin with Super High Clarity

Features:

Good processability

High clarity

Good of rigidity and impact properties balance

Good chemical resistance

Applications:

Food containers

Housewares

Fan blades

Motorcycle battery cases

Injection stretch blow molding

General Information			
Additive	Clarifier		
Features	Impact resistance, good		
	Workability, good		
	Good chemical resistance		
	Definition, high		
	Compliance of Food Exposure		
	Random copolymer		
	Medium hardness		
Uses	Blow molding applications		
	Battery box		
	Household goods		
	Food container		
Appearance	Clear/transparent		
Processing Method	Stretch blow molding		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792B
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.0	MPa	ASTM D638
Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus	1050	MPa	ASTM D790A

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	70	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	86.0	°C	ASTM D648

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