

# Moplen RP348N

Polypropylene Random Copolymer

LyondellBasell Industries

Message:

Moplen RP348N is a polypropylene random copolymer, with high clarity, superior appearance, excellent flowability, good stiffness / impact balance and good dimensional stability. Typical applications include food containers, household containers, thin wall food packaing, clear ISBM bottles, furniture.

General Information			
Features	Good Dimensional Stability		
	Good Flow		
	Good Impact Resistance		
	Good Processability		
	Good Stiffness		
	High Clarity		
	Pleasing Surface Appearance		
	Random Copolymer		
Uses	Bottles		
	Caps		
	Closures		
	Consumer Applications		
	Containers		
	Food Packaging		
	Household Goods		
	Thin-walled Packaging		
Forms	Pellets		
Processing Method	Injection Molding		
	Injection Stretch Blow 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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#### Recommended distributors for this material

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