

## Technical Data Sheet

### Moplen RP348N



Polypropylene, Random Copolymer

#### Product Description

Moplen RP348N is a polypropylene random copolymer resin with high clarity, good stiffness impact balance, and good processability. Typical customer applications are food containers, housewares, motorcycle battery cases, ISBM bottles, and parts of electrical appliances such as fan blades.

<b>Status</b>	Commercial: Active
<b>Availability</b>	Africa-Middle East; Asia-Pacific; Australia and New Zealand
<b>Application</b>	Battery Cases; Bottles For Consumer Goods; Caps & Closures; Clear Containers; Containers; Housewares
<b>Market</b>	Consumer Products; Rigid Packaging
<b>Processing Method</b>	Injection Blow Molding; Injection Molding; Injection Stretch Blow Molding
<b>Attribute</b>	Good Impact Resistance; Good Processability; Good Stiffness; High Clarity; Random Copolymer

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	11	g/10 min	ASTM D1238
Density	0.90	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Flexural Modulus	1050	MPa	ASTM D790
Tensile Strength at Yield	29	MPa	ASTM D638
Tensile Elongation at Yield	13	%	ASTM D638
<b>Impact</b>			
Notched Izod Impact Strength, (23 °C)	70	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load	86	°C	ASTM D648