



## Moplen RP348N

### Polypropylene, Random Copolymer

#### Product Description

Moplen RP348N is a polypropylene random copolymer. With its high clarity, good chemical resistance, and good balance of rigidity and impact performance, this grade is suitable for a variety of injection molding applications. Potential end uses products include food containers, housewares, fan blades, motorcycle battery cases, and Injection Stretch Blow Moulding.

#### Product Characteristics

<b>Status</b>	Commercial: Active
<b>Test Method used</b>	ASTM
<b>Availability</b>	Asia-Pacific, Australia/NZ, Africa-Middle East
<b>Processing Method</b>	Injection Moulding, Injection Stretch Blow Moulding
<b>Features</b>	Good Chemical Resistance, High Clarity, Random Copolymer, Good Impact Resistance , Good Processability, Medium Rigidity
<b>Typical Customer Applications</b>	Caps & Closures, Housewares, Bottles For Consumer Goods, Clear Containers

#### Typical Properties

	Method	Value	Unit
<b>Physical</b>			
Density -Specific Gravity (Method B)	ASTM D 792	0.90	g/cm <sup>3</sup>
Melt flow rate (230°C/2.16kg)	ASTM D 1238	11	g/10 min
<b>Mechanical</b>			
Tensile Strength @ Yield	ASTM D 638	29	MPa
Flexural Modulus (Procedure A)	ASTM D 790	1050	MPa
Tensile Elongation @ Yld	ASTM D 638	13	%
<b>Impact</b>			
Notched izod impact (23 °C, Method A)	ASTM D 256	64	J/m
<b>Thermal</b>			
Heat deflection temperature at 0.46 N/mm <sup>2</sup>	ASTM D 648	86	°C

#### Notes

Typical properties; not to be construed as specifications.

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Unless specifically indicated, the grades mentioned are not suitable for applications in the pharmaceutical/medical sector.

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