



## Moplen RP348P

### Polypropylene, Random Copolymer

#### Product Description

Moplen RP348P is a polypropylene random copolymer. With its high clarity and good flow, this grade is suitable for a variety of injection molding applications. Potential end uses products include food containers and housewares.

#### Product Characteristics

<b>Status</b>	Commercial: Restricted
<b>Test Method used</b>	ASTM
<b>Availability</b>	Asia-Pacific, Australia/NZ, Africa-Middle East
<b>Processing Methods</b>	Injection Molding
<b>Features</b>	High Clarity, Random Copolymer, Good Processability
<b>Typical Customer Applications</b>	Clear Containers, Housewares

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density -Specific Gravity	ASTM D 792	0.899	g/cm <sup>3</sup>
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	18	g/10 min
<b>Mechanical</b>			
Flexural Modulus (Procedure A)	ASTM D 790	11000	kg/cm <sup>2</sup>
Tensile Strength @ Yield	ASTM D 638	290	kg/cm <sup>2</sup>
Tensile Elongation @ Yield	ASTM D 638	12	%
<b>Impact</b>			
Notched Izod Impact (23 °C)	ASTM D 256	3.8	kg-cm/cm
<b>Thermal</b>			
Heat deflection temperature at 0.46 N/mm <sup>2</sup>	ASTM D 648	88	°C

#### Notes

Typical properties; not to be construed as specifications.