



## Moplen RP346R

### Polypropylene, Random Copolymer

#### Product Description

Moplen RP346R is a polypropylene random copolymer, with features in high clarity, superior appearance, excellent flowability, good stiffness/impact balance, and good dimensional stability. Typical applications include food containers, household containers, thin wall food packaging, clear ISBM bottles, furniture.

#### Product Characteristics

Status	Development
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Methods	Injection Molding, Injection Stretch Blow Molding
Features	High Clarity, Random Copolymer, Good Flow, Good Impact Resistance , Good Processability, Good Stiffness
Typical Customer Applications	Bottles For Consumer Goods, Caps & Closures, Clear Containers, Housewares

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	25	g/10 min
<b>Mechanical</b>			
Flexural Modulus (Procedure A)	ASTM D 790	1050	MPa
Tensile Strength @ Yield	ASTM D 638	29	MPa
Tensile Elongation @ Yield	ASTM D 638	13	%
<b>Impact</b>			
Notched Izod Impact (23 °C, Method A)	ASTM D 256	50	J/m
<b>Thermal</b>			
Heat deflection temperature at 0.46 N/mm <sup>2</sup>	ASTM D 648	85	°C

#### Notes

Typical properties; not to be construed as specifications.