



## Moplen RP218R

### Polypropylene, Random Copolymer

#### Product Description

Moplen RP218R is a polypropylene random copolymer manufactured using the Spheripol process. Potential end use applications include extrusion coating on BOPP film

#### Product Characteristics

<b>Status</b>	Commercial: Active
<b>Test Method used</b>	ASTM
<b>Availability</b>	Asia-Pacific, Australia/NZ, Africa-Middle East
<b>Features</b>	Good Adhesion, Random Copolymer, Good Heat Seal, Low Neck-In
<b>Typical Customer Applications</b>	Food Packaging Film, Lamination Film

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	19	g/10 min
<i>Note: ASTM D1238L</i>			
Density	ASTM D 1505	0.9	g/cm <sup>3</sup>
<b>Mechanical</b>			
Flexural Modulus	ASTM D 790	8000	kg/cm <sup>2</sup>
Tensile Strength @ Yield	ASTM D 638	245	kg/cm <sup>2</sup>
Tensile Elongation @ Yield	ASTM D 638	12	%
<b>Impact</b>			
Notched Izod Impact (23 °C)	ASTM D 256	4	kg-cm/cm
<b>Hardness</b>			
Rockwell Hardness (R-Scale)	ASTM D 785	85	
<b>Thermal</b>			
Vicat softening point	ASTM D 1525	125	°C
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.