



## Moplen EP318R

### Polypropylene, Impact Copolymer

#### Product Description

Moplen EP318R is a polypropylene impact copolymer manufactured using the Spheripol process. Potential applications include extrusion coating on PP wovens and kraft paper.

#### 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>	Copolymer, High Flow , Low Neck-In, Good Processability
<b>Typical Customer Applications</b>	Food Packaging Film, Lamination Film

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density -Specific Gravity	ASTM D 792	0.9	g/cm <sup>3</sup>
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	31	g/10 min
<i>Note: ASTM D1238L</i>			
<b>Mechanical</b>			
Flexural Modulus	ASTM D 790	14500	kg/cm <sup>2</sup>
Tensile Strength @ Yield	ASTM D 638	320	kg/cm <sup>2</sup>
Tensile Elongation @ Yield	ASTM D 638	9	%
<b>Impact</b>			
Notched Izod Impact (23 °C)	ASTM D 256	2.5	kg-cm/cm
<b>Hardness</b>			
Rockwell Hardness (R Scale)	ASTM D 785	100	
<b>Thermal</b>			
Vicat softening point	ASTM D 1525	150	°C
Heat deflection temperature at 0.46 N/mm <sup>2</sup>	ASTM D 648	110	°C

#### Notes

Typical properties; not to be construed as specifications.