

**Technical Data Sheet**

***Moplen* RP242G**



Polypropylene, Random Copolymer

**Product Description**

Low Melt Flow Polypropylene Random Copolymer Resin with High Clarity.

<b>Application</b>	Bottles For Consumer Goods; Bottles for Industrial Use; Stationery Film
<b>Market</b>	Industrial Packaging; Rigid Packaging
<b>Processing Method</b>	Extrusion Blow Molding; Sheet; Thermoforming
<b>Attribute</b>	Good Impact Resistance; High Clarity; Nucleated; Random Copolymer

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	1.5	g/10 min	ASTM D1238
Density	0.90	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Flexural Modulus	920	MPa	ASTM D790
Tensile Strength at Yield	27	MPa	ASTM D638
Tensile Elongation at Yield	15	%	ASTM D638
<b>Impact</b>			
Notched Izod Impact Strength, (23 °C)	No Break		ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load	82	°C	ASTM D648