

## Technical Data Sheet

### Moplen RP242G



Polypropylene, Random Copolymer

#### Product Description

Low Melt Flow Polypropylene Random Copolymer Resin with High Clarity.

#### Regulatory Status

For regulatory compliance information, see *Moplen* RP242G [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

<b>Status</b>	Commercial: Active
<b>Availability</b>	Africa-Middle East; Asia-Pacific; Australia and New Zealand
<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

Typical Properties	Nominal		Test Method
	Value	Units	
<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

#### Notes

These are typical property values not to be construed as specification limits.

#### Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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- (iii) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration;
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- (ii) applications involving permanent implantation into the body;
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