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).

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Australia and New Zealand
Application	Bottles For Consumer Goods; Bottles for Industrial Use; Stationery Film
Market	Industrial Packaging; Rigid Packaging
Processing Method	Extrusion Blow Molding; Sheet; Thermoforming
Attribute	Good Impact Resistance; High Clarity; Nucleated; Random Copolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	1.5	g/10 min	ASTM D1238
Density	0.90	g/cm³	ASTM D792
Mechanical			
Flexural Modulus	920	MPa	ASTM D790
Tensile Strength at Yield	27	MPa	ASTM D638
Tensile Elongation at Yield	15	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	No Break		ASTM D256
Thermal			
Deflection Temperature Under Load	82	°C	ASTM D648

Manufacturer website: https://www.hmcpolymers.com/

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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