

Technical Data Sheet

Moplen RP242G

Polypropylene, Random Copolymer



Product Description

Low Melt Flow Polypropylene Random Copolymer Resin with High Clarity.

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/cm ³	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