

Moplen RP242G

Polypropylene Random Copolymer

LyondellBasell Industries

Message:

Moplen RP242G is a polypropylene random copolymer. With its high clarity, good chemical resistance, and good balance of rigidity and impact performance, this grade is suitable for a variety of iextrusion blow-molding applications. Potential end uses products include bottles fo detergent and cosmetic, food packaging and other transparent articles.

General Information			
Features	Good Chemical Resistance		
	Good Impact Resistance		
	Good Processability		
	High Clarity		
	Paintable		
Uses	Bottles		
	Containers		
Appearance	Clear/Transparent		
Processing Method	Extrusion Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.0	MPa	ASTM D638
Tensile Elongation (Yield)	15	%	ASTM D638
Flexural Modulus	920	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	82.0	°C	ASTM D648

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