

Moplen RP242G

Polypropylene Random Copolymer

LyondellBasell Industries

Message:

Low Melt Flow Polypropylene Random Copolymer Resin with High Clarity

Features:

Good processability

High clarity

Good impact property

Good chemical resistance

Suitable for food contact

Applications:

Transparent bottles

Detergent and cosmetic bottles

Stationery sheets

Food packaging

General Information			
Features	Good dimensional stability		
	Impact resistance, good		
	Workability, good		
	Low liquidity		
	Good chemical resistance		
	Definition, high		
	Compliance of Food Exposure		
	Random copolymer		
Uses	Transparent Parts		
	Cosmetics		
	Household goods		
	Bottle		
	Food packaging		
	Food container		
	Stationery		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792B
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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