

# REPOL® B240MN

Polypropylene Impact Copolymer

Reliance Industries Limited

## Message:

REPOL Polypropylene B240MN is manufactured using Unipol PP process which combines the production efficiency of gas phase fluidized bed reactor technology with the high activity stereospecific catalyst system. Repol B240MN is recommended for use in Injection Moulding processes where high flow and medium impact strength are required. It is an ideal material for rigid packaging, automotive components, housewares and appliances parts. Repol B240MN contains nucleating agent.

General Information			
Additive	Nucleating Agent		
Features	Blush Resistant		
	Fast Molding Cycle		
	Good Processability		
	Good Stiffness		
	High Flow		
	High Gloss		
	Impact Copolymer		
	Medium Impact Resistance		
Uses	Nucleated		
	Appliance Components		
	Automotive Applications		
	Household Goods		
Forms	Packaging		
	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	24	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	25.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Yield)	8.0	%	ASTM D638
Flexural Modulus - 1% Secant <sup>3</sup>	1200	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	70	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	110	°C	ASTM D648
NOTE			
1.	Type I, 50 mm/min		

2.	Type I, 50 mm/min
3.	Type I

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#### Recommended distributors for this material

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