

REPOL® C200MN

Polypropylene Impact Copolymer

Reliance Industries Limited

Message:

Repol C200MN is recommended for use in Injection Moulded processes where high rigidity and impact strength are required. It is an ideal material to use in collapsible crates, automotive compounds, furniture etc. Repol C200MN contains antistatic agent and nucleating agent for good stiffness. The grade is formulated for lower cycle time.

General Information			
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Fast Molding Cycle		
	Food Contact Acceptable		
	High Impact Resistance		
	High Rigidity		
	Nucleated		
Uses	Automotive Applications		
	Crates		
	Furniture		
Agency Ratings	FDA 21 CFR 177.1520		
	IS 10909		
	IS 10910		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, Injection Molded)	23.0	MPa	ASTM D638
Tensile Elongation ² (Yield, Injection Molded)	4.0	%	ASTM D638
Flexural Modulus - 1% Secant (Injection Molded)	1200	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	130	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45 MPa, Unannealed)	105	°C	ASTM D648
NOTE			
1.	Type I, 50 mm/min		
2.	Type I, 50 mm/min		

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Recommended distributors for this material


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