

REPOL® AM120N

Polypropylene Homopolymer

Reliance Industries Limited

Message:

Repol AM120N is recommended for Injection Molding process. Repol AM120N is an ideal choice for general purpose injection moulded products. It is also suitable for a compounding base and blending material in furniture compound.

General Information			
Features	Food Contact Acceptable		
	General Purpose		
Uses	Blending		
	Furniture		
	General Purpose		
	Industrial Applications		
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)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, Injection Molded)	37.0	MPa	ASTM D638
Tensile Elongation ² (Yield, Injection Molded)	12	%	ASTM D638
Flexural Modulus - 1% Secant (Injection Molded)	1450	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	30	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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