

REPOL® AMI400N

Polypropylene Impact Copolymer

Reliance Industries Limited

Message:

Repol AM1400N is recommended for use in Injection Moulding and Compounding, and is suitable for intricate and very thin-section mouldings. It is an ideal material to use in compounds for appliance parts and automotive components.

General Information			
Features	Food Contact Acceptable		
Uses	Appliance Components		
	Automotive Applications		
	Compounding		
	Thin-walled Parts		
Agency Ratings	FDA 21 CFR 177.1520		
	IS 10909		
	IS 10910		
Processing Method	Compounding		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	40	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, Injection Molded)	25.5	MPa	ASTM D638
Tensile Elongation ² (Yield, Injection Molded)	8.0	%	ASTM D638
Flexural Modulus - 1% Secant (Injection Molded)	950	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	70	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	95.0	°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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