

# REPOL® D120MA

Polypropylene Impact Copolymer

Reliance Industries Limited

## Message:

Repol D120MA is recommended for use in Injection Moulded processes where high impact strength is required. It is an ideal material to use in compounding, automotive components, luggage shells etc. Repol D120MA contains antistatic agent that reduces static charge build-up in products.

General Information			
UL YellowCard	E239367-230529		
Additive	Antistatic		
Features	Antistatic		
	Food Contact Acceptable		
	High Impact Resistance		
Uses	Automotive Applications		
	Luggage		
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 <sup>1</sup> (Yield, Injection Molded)	19.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Yield, Injection Molded)	10	%	ASTM D638
Flexural Modulus - 1% Secant (Injection Molded)	900	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	550	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, Injection Molded)	90.0	°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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