

REPOL® H110MA

Polypropylene Homopolymer

Reliance Industries Limited

Message:

Repol H110MA is recommended for Injection Moulding processes. Repol H110MA is an ideal choice for moulding rigid containers, thermowares and housewares. It is also suitable as a compounding base and blending material in furniture compound. Repol H110MA contains antistat agent that reduces static charge build-up in products.

General Information			
Additive	Antistatic		
Features	Antistatic		
	Food Contact Acceptable		
Uses	Blending		
	Compounding		
	Containers		
	Furniture		
	Household Goods		
	Rigid Packaging		
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)	11	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, Injection Molded)	36.0	MPa	ASTM D638
Tensile Elongation ² (Yield, Injection Molded)	10	%	ASTM D638
Flexural Modulus - 1% Secant (Injection Molded)	1650	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	27	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	104	°C	ASTM D648

NOTE

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|----|-------------------|
| 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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