

**REPOL® H110MA**  
**Polypropylene Homopolymer**  
**Reliance Industries Limited**



**Prospector**

**Product Description**

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**

Material Status	• Commercial: Active		
Availability	• Asia Pacific		
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 <sup>2</sup> (Yield, Injection Molded)	36.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (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)	27.0	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 0.45 MPa, Unannealed	104	°C	ASTM D648

**Notes**

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> Type I, 50 mm/min