





HOMOPOLYMER

FOR INJECTION MOULDED PRODUCTS

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.

Typical Characteristics			
Property	Test Method	Unit	Typical Value*
Melt Flow Rate (230°C/2.16 kg)	ASTM D1238	g/10 min	П
Tensile Strength at Yield (50 mm/min)	ASTM D638	MPa	36
Elongation at Yield (50 mm/min)	ASTM D638	%	10
Flexural Modulus (1% secant)	ASTM D790A	MPa	1650
Notched Izod Impact Strength (23°C)	ASTM D256	J/m	27
Heat Deflection Temperature (455 kPa)	ASTM D648	°C	104

^{*} Typical values, not to be taken as specification. All the mechanical properties as per ASTM D638 Type I specimen injection moulded in accordance with ASTM D410 I

Applications

Rigid packaging, furniture & houseware

Regulatory Information

 Meets the requirements stipulated in IS 10910 on 'Specification for Polypropylene and its Copolymers for safe use in contact with foodstuff, pharmaceuticals, and drinking water'. Additives incorporated in this grade conform to the positive list of constituents as prescribed in IS 10909. The grade and the additives incorporated in it also comply with the FDA:CFR Title 21,177.1520, Olefin polymers

Storage Recommendations

• Bags should be stored in dry / closed conditions at temperatures below 50° C and protected from UV / direct sunlight

Công ty TNHH Thương Mại Dịch Vụ Toàn Đại Hưng

Số 9, Đường số 7, Cư Xá Bình Thới, Phường 8, Quận 11, Tp.HCM

Tel: (028) 39622857 – 39627761 – 39623270

Fax: 84-28 3962 0989

E-mail: toandaihung@hcm.fpt.vn Website: www.toandaihung.com.vn

Reliance Industries Limited, Product - Application & Technology Group, PRTC,

Swastik Mill Compound, V. N. Purav Marg, Chembur, Mumbai-400 071. Tel.: +91-22-6767 7000. E-mail: polymer_patsupport@ril.com Website: www.ril.com

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