

# Reliance<sup>®</sup> H200MA

REPOL Polypropylene H200MA is manufactured using Unipol PP process which combines the production efficiency of gas phase fluidized bed reactor technology with the high activity stereospecific catalyst system. Repol H200MA is recommended for use in injection molding processes. It is an ideal material for molding articles with intricate, long flow paths and multicavity molding. Repol H200MA contains antistatic agent that reduces static charge build up on products.

Physical Properties	Metric	English	Comments
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 230 °C	20 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	32.0 MPa	4640 psi	50mm/min; ASTM D638

Elongation at Yield	11 %	11 %	50mm/min; ASTM D638
Flexural Modulus, 1% Secant	1650 MPa	239000 psi	ASTM D790A

Izod Impact, Notched	0.270 J/cm @Temperature 23.0 °C	0.506 ft-lb/in @Temperature 73.4 °F	ASTM D256
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Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	104 °C	219 °F	ASTM D648