

REPOL® H200MA

Polypropylene Homopolymer

Reliance Industries Limited

Message:

Repol H200MA is recommended for use in Injection Moulding processes. It is an ideal material to use in moulding articles with intricate, long flow paths and multicavity moulding. Repol H200MA contains antistatic agent that reduces static charge build-up in products.

| General Information | | | |
|---|-------------------------|----------|-------------|
| Additive | Antistatic | | |
| Features | Antistatic | | |
| | Food Contact Acceptable | | |
| Uses | Thin-walled Containers | | |
| 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) | 25 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength ¹ (Yield, Injection Molded) | 32.0 | MPa | ASTM D638 |
| Tensile Elongation ² (Yield, Injection Molded) | 11 | % | 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 | | | |
| 1. | Type I, 50 mm/min | | |
| 2. | Type I, 50 mm/min | | |

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