

REPOL® H200MK

Polypropylene Homopolymer

Reliance Industries Limited

Message:

Repol H200MK is recommended for use in Injection Moulding processes. It is an ideal material to use in moulding syringes and clear rigid articles with intricate, long flow paths and multicavity moulding. Repol H200MK contains clarifier and antistatic agent that reduces static charge build up on products. Repol H200MK complies with the systemic and intracutaneous tests with four different extractants as per USP XXIX and IP96. The grade also complies with undue toxicity test as per E.P. and skin irritation test as per I.S.

General Information			
Additive	Antistatic Clarifier		
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)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, Injection Molded)	35.0	MPa	ASTM D638
Tensile Elongation ² (Yield, Injection Molded)	11	%	ASTM D638
Flexural Modulus - 1% Secant (Injection Molded)	1700	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	26	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	120	°C	ASTM D648
NOTE			
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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