

REPOL® R200MK

Polypropylene Random Copolymer

Reliance Industries Limited

Message:

REPOL Polypropylene R200MK 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 R200MK is recommended for use in Injection Moulding & Stretch Blow Moulding processes. It is an ideal material for attaining high clarity in housewares, syringes and ISBM products. Repol R200MK contains clarifier and antistatic agent that reduces static charge buildup on products.

General Information	
Additive	Antistatic Clarifier
Features	Antistatic Good Processability High Clarity Random Copolymer
Uses	Blow Molding Applications Household Goods
Forms	Pellets
Processing Method	Injection Molding Stretch Blow 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)	25.0	MPa	ASTM D638
Tensile Elongation ² (Yield)	10	%	ASTM D638
Flexural Modulus - 1% Secant ³	900	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	60	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	90.0	°C	ASTM D648
Melting Temperature	135	°C	DSC

NOTE

1. Type I, 50 mm/min
2. Type I, 50 mm/min
3. Type I

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