

REPOL® SRX100

Polypropylene Random Copolymer

Reliance Industries Limited

Message:

Repol SRX100 is recommended for Injection Moulding and Stretch Blow Moulding process. It is an ideal material for Ultra high clarity containers, houseware, ISBM products and appliance parts. The grade contain clarifier and antistatic agent.

General Information			
Additive	Clarifier		
	Antistatic property		
Features	Antistatic property		
	Definition, high		
	Random copolymer		
Uses	Home appliance components		
	Household goods		
	Container		
Agency Ratings	FDA 21 CFR 177.1520		
	IS 10909		
	IS 10910		
Processing Method	Injection Stretch Blow Molding		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, Injection Molded)	30.0	MPa	ASTM D638
Tensile Elongation ² (Yield, Injection Molded)	12	%	ASTM D638
Flexural Modulus - 1% Secant ³ (Injection Molded)	1100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	65	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, Injection Molded)	95.0	°C	ASTM D648
NOTE			

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

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Recommended distributors for this material

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