

REPOL® SRM100NC

Polypropylene Random Copolymer

Reliance Industries Limited

Message:

Repol SRM100NC is recommended for Injection Moulding and stretch blow moulding process. It is an ideal material for making high clarity containers, houseware, syringes and ISBM products. The grade contains clarifier and antistatic agent that reduces static charge build-up on products. Repol SRM100NC complies with the systemic and intracutaneous tests with four different extractants as per USP XXIX and I.P. 96. 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 High Clarity
Uses	Blow Molding Applications Containers Household Goods
Agency Ratings	FDA 21 CFR 177.1520 IS 10909 IS 10910
Processing Method	Injection Molding Stretch Blow 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 (Injection Molded)	1100	MPa	ASTM D790A
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)	95.0	°C	ASTM D648

Peak Melting Temperature ³	150	°C	ASTM D3418
NOTE			
1.	Type I, 50 mm/min		
2.	Type I, 50 mm/min		
3.	Second Heating		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

