REPOL® R110MK

Polypropylene Random Copolymer

Reliance Industries Limited

Message:

REPOL Polypropylene R110MK 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 R110MK is recommended for use in Injection Moulding processes. It is an ideal material for attaining high clarity in houseware and industrial products. This grade is recommended for non food contact applications. Repol R110MK 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	Household Goods		
	Industrial Applications		
Forms	Pellets		
Processing Method	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)	28.0	MPa	ASTM D638
Tensile Elongation [2] (Yield)	12	%	ASTM D638
Flexural Modulus - 1% Secant [3]	1300	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)	95.0	°C	ASTM D648
Melting Temperature	150	°C	DSC
NOTE			
1.	Type I, 50 mm/min		
2.	Type I, 50 mm/min		
3.	Type I		

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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

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