

Safron® R702-40RNA

Polypropylene Random Copolymer

Safripol (PTY) LTD

Message:

Safron® R702-40RNA Polypropylene Resin is a random co-polymer developed for thin wall injection moulding applications. It is a controlled rheology grade characterized by excellent optical properties, improved yellowness index and good balance of stiffness and impact strength at ambient temperatures.

Safron 0174 ZR702-40RNA Polypropylene Resin contains an antistatic additive.

General Information			
Additive	Antistatic property		
Features	Rigid, good		
	Optical		
	Antistatic property		
	Impact resistance, good		
	Compliance of Food Exposure		
	Random copolymer		
Uses	Thin wall packaging		
	Container		
	Food container		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.2a		
	Europe 10/1/2011 12:00:00 AM		
Appearance	Natural color		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	40	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (Injection Molded)	900	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
0°C, injection molding	4.0	kJ/m ²	ISO 179
23°C, injection molding	4.5	kJ/m ²	ISO 179
Optical	Nominal Value	Unit	Test Method
Transmittance (Injection Molded)	85.0	%	ASTM D1003
Haze (Injection Molded)	9.0	%	ASTM D1003
Injection	Nominal Value	Unit	

Rear Temperature	180 - 200	°C
Middle Temperature	200 - 220	°C
Front Temperature	210 - 230	°C
Nozzle Temperature	215	°C

Injection instructions

Zone 4: 225°C

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

