

Jampilen RP270G

Polypropylene Random Copolymer

Jam Polypropylene Company

Message:

Jampilen RP270G is a medium modified polypropylene random copolymer specifically designed for blow molding and sheet extrusion and complies with the European Pharmacopeia. Jampilen RP270G offers excellent processability in extrusion blow molding and can be converted on form-fill-seal equipment. The product is also suitable for the extrusion of film and sheet for thermoforming. Jampilen RP270G offers a good impact strength, good clarity and high chemical resistance. Jampilen RP270G is suitable for food contact.

General Information			
Features	Ethylene Oxide Sterilizable		
	Food Contact Acceptable		
	Good Chemical Resistance		
	Good Impact Resistance		
	Good Processability		
	Medium Clarity		
	Random Copolymer		
Uses	Bottles		
	Consumer Applications		
	Film		
	Medical Packaging		
	Medical/Healthcare Applications		
	Pharmaceuticals		
	Sheet		
Agency Ratings	EP Unspecified Rating		
Processing Method	Blown Film		
	Extrusion Blow Molding		
	Injection Blow Molding		
	Injection Molding		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.8	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	86		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.0	MPa	ASTM D638

Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus	1000	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	78.0	°C	ASTM D648
Vicat Softening Temperature	135	°C	ASTM D1525 ¹
Accelerated Oven Ageing (150°C)	360	hr	ASTM D3012
Optical	Nominal Value	Unit	Test Method
Gloss	65		ASTM D2457
Haze	32	%	ASTM D1003
NOTE			

1. Loading 1 (10 N)

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

