

ExxonMobil™ PP1013H1

Polypropylene Homopolymer
ExxonMobil Chemical

Message:

A homopolymer resin that meets the certification requirements for use in the pharmaceutical field.

General Information			
Features	Low extract		
	Pressure cooker disinfection		
	Ethylene oxide disinfection		
	Disinfect with steam		
Uses	Laboratory apparatus		
	Medical/nursing supplies		
	Medical packaging		
Appearance	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	68		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1570	MPa	ISO 527-2/1
Tensile Stress (Yield)	34.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	9.3	%	ISO 527-2/50
Flexural Modulus	1350	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C, Complete Break)	3.6	kJ/m²	ISO 179/1eA
Notched Izod Impact (23°C, Complete Break)	3.1	kJ/m²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	85.7	°C	ISO 75-2/B
1.8 MPa, not annealed	52.3	°C	ISO 75-2/A
Vicat Softening Temperature	153	°C	ISO 306/A50
Melting Temperature	160	°C	ISO 11357-3
Peak Crystallization Temperature	113	°C	ISO 11357-3

Legal statement

未经埃克森美孚化工书面允许,这种产品包括其产品名称,不得在任何医疗应用领域予以使用或有关潜在食品接触应用合规信息(例如:FDA,EU,HPFB),请与埃克森美孚化工客户服务代表联系.

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

