

ExxonMobil™ PP1074KNE1

Polypropylene Homopolymer

ExxonMobil Chemical

Message:

A homopolymer resin containing a nucleating agent with a medium melt flow rate, with easy release and antistatic properties. It is suitable for general purpose injection molding.

General Information			
UL YellowCard	E31790-100054961		
Features	Rigid, good		
	Pressure cooker disinfection		
	Ethylene oxide disinfection		
	Good creep resistance		
	Good demoulding performance		
	Disinfect with steam		
Uses	Packaging		
	Shield		
	Bottle		
	Shell		
	Consumer goods application field		
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)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	38.5	MPa	ASTM D638
Tensile Elongation ² (Yield)	7.7	%	ASTM D638
Flexural Modulus - 1% Secant			
-- ³	1870	MPa	ASTM D790A
-- ⁴	2140	MPa	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	28	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	117	°C	ASTM D648
Legal statement			

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.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

NOTE	
1.	51 mm/min
2.	51 mm/min
3.	1.3 mm/min
4.	13 mm/min

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

