

ExxonMobil™ PP1352E1

Polypropylene Homopolymer

ExxonMobil Chemical

Message:

A homopolymer resin with a medium melt flow rate for home appliances and other consumer products that require resistance to long-term thermal aging.

General Information			
UL YellowCard	E31790-230739		
Features	Workability, good		
	Good thermal aging resistance		
	Good heat aging resistance		
	Medium liquidity		
	Detergent resistance		
	Thermal Stability		
	General		
Uses	Electrical appliances		
	Home appliance components		
	Consumer goods application field		
Appearance	Natural color		
Forms	Particle		
Processing Method	Composite		
	Extrusion		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.5	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	101		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	35.2	MPa	ASTM D638
Tensile Elongation ² (Yield)	10	%	ASTM D638
Flexural Modulus - 1% Secant			
-- ³	1540	MPa	ASTM D790A
-- ⁴	1740	MPa	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256A
Unnotched Izod Impact (-18°C)	180	J/m	ASTM D256E

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	101	°C	ASTM D648
1.8 MPa, not annealed	56.6	°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

