

# ExxonMobil™ PP6272NE1

Polypropylene Homopolymer

ExxonMobil Chemical

## Message:

A transparent homopolymer resin used in the production of extruded sheets and thermoformed containers. It can exhibit excellent processability even when producing deep draft articles.

General Information			
Features	Low volatilization		
	Pressure cooker disinfection		
	Ethylene oxide disinfection		
	Workability, good		
	Wide molecular weight distribution		
	Good melt strength		
	Disinfect with steam		
Uses	Packaging		
	Cup		
	Hard packaging		
Appearance	Natural color		
Forms	Particle		
Processing Method	Extrusion		
	Sheet extrusion molding		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.8	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	37.2	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Yield)	8.7	%	ASTM D638
Flexural Modulus - 1% Secant			
-- <sup>3</sup>	1700	MPa	ASTM D790A
-- <sup>4</sup>	1970	MPa	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	64	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	110	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method

Haze <sup>5</sup>	27	%	ASTM D1003
Legal statement			
未经埃克森美孚化工书面允许,该产品包括其产品名称,不得在任何医疗应用领域 予以使用或者测试.有关详细的产品监管信息,请联系客户服务.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.			
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	1.3 mm/min		
4.	13 mm/min		
5.	Measured on 40 mil (1mm) injection molded plaques.		

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

