

# ExxonMobil™ PP1572

Polypropylene Homopolymer  
ExxonMobil Chemical

Message:

A homopolymer resin containing a nucleating agent used for molding general purpose items such as caps and stoppers. It has excellent strength and high crystallization temperature.

General Information			
Features	Low volatilization		
	High smoothness		
	Pressure cooker disinfection		
	Ethylene oxide disinfection		
	Good demoulding performance		
	Disinfect with steam		
Uses	Packaging		
	Shield		
	Container		
	Barrel		
	Shell		
	Hard packaging		
Appearance	Natural color		
Forms	Particle		
Processing Method	Compression molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.1	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	37.3	MPa	ASTM D638
Flexural Modulus - 1% Secant <sup>2</sup>	1770	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	111	°C	ASTM D648
Legal statement			
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NOTE			
1.	51 mm/min		

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#### Recommended distributors for this material

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