

ExxonMobil™ PP6262

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		
	Disinfect with steam		
Uses	Packaging		
	Cup		
	Hard packaging		
Appearance	Natural color		
Forms	Particle		
Processing Method	Blow molding		
	Extrusion		
	Extrusion blow molding		
	Sheet extrusion molding		
	Thermoforming		
	Profile extrusion molding		
	Injection blowing molding		
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 ¹ (Yield)	36.8	MPa	ASTM D638
Tensile Elongation ² (Yield)	9.0	%	ASTM D638
Flexural Modulus - 1% Secant			
-- ³	1710	MPa	ASTM D790A
-- ⁴	1940	MPa	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	50	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	100	°C	ASTM D648

Optical	Nominal Value	Unit	Test Method
Haze ⁵	15	%	ASTM D1003
Legal statement			
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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.		

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