

ExxonMobil™ PP6262

Polypropylene Homopolymer

Product Description

A clarified homopolymer resin designed for production of extruded sheet and thermoformed containers. It exhibits excellent processing characteristics even in deep drawn applications.

General

Features	- Autoclave Sterilizable - Ethylene Oxide Sterilizable	- Low Emissions - Steam Sterilizable	
Uses	Cups	Packaging	Rigid Packaging
Appearance	Natural Color		
Form(s)	Pellets		
Processing Method	- Blow Molding - Extrusion - Extrusion Blow Molding	- Injection Blow Molding - Profile Extrusion - Sheet Extrusion	Thermoforming

Physical	Typical Value (English)	Typical Value (SI)	Test Based On
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.8 g/10 min	2.8 g/10 min	ASTM D1238
Density	0.900 g/cm ³	0.900 g/cm ³	ExxonMobil Method

Mechanical	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Yield			ASTM D638
2.0 in/min (51 mm/min)	5550 psi	38.3 MPa	
Elongation at Yield (2.0 in/min (51 mm/min))	8.5 %	8.5 %	ASTM D638
Flexural Modulus - 1% Secant			
0.051 in/min (1.3 mm/min)	258000 psi	1780 MPa	ASTM D790A
0.51 in/min (13 mm/min)	297000 psi	2050 MPa	ASTM D790B

Impact	Typical Value (English)	Typical Value (SI)	Test Based On
Notched Izod Impact (73°F (23°C))	0.78 ft-lb/in	42 J/m	ASTM D256A

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Deflection Temperature Under Load (DTUL) at 66psi - Unannealed	226 °F	108 °C	ASTM D648

Optical	Typical Value (English)	Typical Value (SI)	Test Based On
Haze ²	17.5 %	17.5 %	ASTM D1003

Hardness	Typical Value (English)	Typical Value (SI)	Test Based On
Rockwell Hardness	112	112	ASTM D785

Legal Statement

This product, including the product name, shall not be used or tested in any medical application without the prior written acknowledgement of ExxonMobil Chemical as to the intended use. For detailed Product Stewardship information, please contact Customer Service.

Contact your ExxonMobil Chemical Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB).

Notes

Typical properties: these are not to be construed as specifications.

¹ Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.

² Measured on 40 mil (1mm) injection molded plaques.