

ExxonMobil™ PP6352E1

Polypropylene Homopolymer

Product Description

A high melt strength homopolymer that provides excellent processability in extrusion process.

General

Availability ¹	▪ North America		
Features	▪ Foamable ▪ Good Processability	▪ High Melt Strength ▪ High Stiffness	
Uses	▪ Construction Applications	▪ Packaging	
Appearance	▪ Natural Color		
Form(s)	▪ Pellets		
Processing Method	▪ Extrusion	▪ Foam Extrusion	▪ Sheet Extrusion
Revision Date	▪ 03/25/2025		

Physical	Typical Value (English)	Typical Value (SI)	Test Based On
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.8 g/10 min	1.8 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 2.0 in/min (51 mm/min)	5400 psi	37.2 MPa	ASTM D638
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)	275000 psi	1900 MPa	ASTM D790A
0.51 in/min (13 mm/min)	307000 psi	2120 MPa	ASTM D790B

Impact	Typical Value (English)	Typical Value (SI)	Test Based On
Notched Izod Impact (73°F (23°C))	0.73 ft-lb/in	39 J/m	ASTM D256A

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Deflection Temperature Under Load (DTUL) at 66psi - Unannealed	230 °F	110 °C	ExxonMobil Method

Hardness	Typical Value (English)	Typical Value (SI)	Test Based On
Rockwell Hardness	110	110	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.

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For additional technical, sales and order assistance: [Contact Us](#)

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