

ExxonMobil™ PP7035E4

Polypropylene Impact Copolymer

Product Description

A medium impact copolymer resin designed for injection molding applications requiring high melt flow rate.

General

Features	- Good Colorability - Good Dimensional Stability	- Good Flow - Low Temperature Impact Resistance	
Uses	- Bottles - Consumer Applications	- Furniture - Packaging	Rigid Packaging
Appearance	Natural Color		
Form(s)	Pellets		
Processing Method	Injection Molding		

Physical	Typical Value (English)	Typical Value (SI)	Test Based On
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35 g/10 min	35 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)	3310 psi	22.8 MPa	
Elongation at Yield (2.0 in/min (51 mm/min))	7.6 %	7.6 %	ASTM D638
Flexural Modulus - 1% Secant			
0.051 in/min (1.3 mm/min)	146000 psi	1010 MPa	ASTM D790A
0.51 in/min (13 mm/min)	168000 psi	1160 MPa	ASTM D790B

Impact	Typical Value (English)	Typical Value (SI)	Test Based On
Notched Izod Impact (73°F (23°C))	2.9 ft·lb/in	150 J/m	ASTM D256A
Gardner Impact			ASTM D5420
-20°F (-29°C), 0.125 in (3.18 mm), Geometry GC	186 in·lb	21.0 J	

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Deflection Temperature Under Load (DTUL) at 66psi - Unannealed	175 °F	79.4 °C	ASTM D648

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.