

# ExxonMobil™ PP7965L1

## Polypropylene Impact Copolymer

### Product Description

ExxonMobil™ PP7965L1 is a low impact strength copolymer resin designed for compounding base or injection molding applications requiring high melt flow rate. Components moulded from this grade show excellent stiffness with very good surface appearance.

### General

Availability <sup>1</sup>	▪ Africa & Middle East	▪ Europe
Features	▪ Good Stiffness	▪ High Flow
Uses	▪ Compounding	
Appearance	▪ Natural Color	
Form(s)	▪ Pellets	
Processing Method	▪ Compounding	
Revision Date	▪ 03/01/2024	

Physical	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.904 g/cm <sup>3</sup>	0.904 g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	115 g/10 min	115 g/10 min	ExxonMobil Method
Melt Volume Rate (MVR) (230°C/2.16 kg)	9 in <sup>3</sup> /10min	153 cm <sup>3</sup> /10min	ExxonMobil Method

Mechanical	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Stress at Yield	4630 psi	31.9 MPa	ISO 527-2/50
Tensile Strain at Yield	3.4 %	3.4 %	ISO 527-2/50
Tensile Modulus - Secant (73°F (23°C))	268000 psi	1850 MPa	ISO 527-1
Flexural Modulus	263000 psi	1810 MPa	ISO 178

Impact	Typical Value (English)	Typical Value (SI)	Test Based On
Notched Izod Impact Strength 73°F (23°C), Complete Break	1.7 ft·lb/in <sup>2</sup>	3.5 kJ/m <sup>2</sup>	ISO 180
Charpy Notched Impact Strength 73°F (23°C), Complete Break	1.5 ft·lb/in <sup>2</sup>	3.2 kJ/m <sup>2</sup>	ISO 179

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Heat Deflection Temperature (1.80 MPa)	135 °F	57.0 °C	ISO 75-2/A
Heat Deflection Temperature (0.45 MPa)	225 °F	107 °C	ISO 75-2/B

### Legal Statement

This product is not intended for use in medical applications and should not be used in any such applications.

This product is not intended for use in food contact application.

### Notes

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

<sup>1</sup> 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: [www.exxonmobilchemical.com/ContactUs](http://www.exxonmobilchemical.com/ContactUs)

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