

Product Datasheet



Exxtral™ Performance Polyolefin CNW001A

Polypropylene Impact Copolymer

Product Description

A specialty thermoplastic polyolefin resin

General

Availability ¹	- Africa & Middle East - Europe
Features	- Good Stiffness - High Flow
Uses	Compounding
Appearance	Natural Color
Form(s)	Pellets
Processing Method	Compounding
Revision Date	01/11/2019

Physical	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.904 g/cm ³	0.904 g/cm ³	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 ³ /10min	153 cm ³ /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 ²	3.5 kJ/m ²	ISO 180
Charpy Notched Impact Strength 73°F (23°C), Complete Break	1.5 ft-lb/in ²	3.2 kJ/m ²	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.

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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ExxonMobil**Exxtral™ Performance Polyolefin CNW001A**
Polypropylene Impact CopolymerFor additional technical, sales and order assistance: www.exxonmobilchemical.com/ContactUs

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