

Technical Data Sheet

# Matrixx 12N2002

Polypropylene  
 LyondellBasell Industries  
 Engineering Plastics

General	
Material Status	• Commercial: Active
Availability	• North America
Additive	• Flame Retardant
Features	• Flame Retardant
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.940	0.938 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	0.80 g/10 min	0.80 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	5100 psi	35.2 MPa	ASTM D638
Flexural Modulus - Tangent	239000 psi	1640 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	2.6 ft·lb/in	140 J/m	ASTM D256

Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating (0.06 In (1.5 Mm))	V-2	V-2	UL 94

**Notes**

These are typical property values not to be construed as specification limits.