

Technical Data Sheet

Matrixx 14N1004

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	1.01	1.01 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	1.3 g/10 min	1.3 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	3760 psi	25.9 MPa	ASTM D638
Tensile Elongation (Yield)	23 %	23 %	ASTM D638
Flexural Modulus - Tangent	172000 psi	1190 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	6.6 ft·lb/in	350 J/m	ASTM D256

Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating			UL 94
0.06 In (1.5 Mm)	V-0	V-0	
0.12 In (3.0 Mm)	V-0	V-0	

Notes

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