

Technical Data Sheet

Matrixx 12N6012ND7033

Polypropylene
LyondellBasell Industries
Engineering Plastics

General	
Material Status	• Commercial: Active
Availability	• North America
UL File Number	• E158835

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.932	0.930 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	20 g/10 min	20 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	3500 psi	24.1 MPa	ASTM D638
Tensile Elongation (Yield)	15 %	15 %	ASTM D638
Flexural Modulus	160000 psi	1100 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	2.0 ft·lb/in	110 J/m	ASTM D256
Gardner Impact	170 in·lb	19.2 J	ASTM D5420

Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating (0.06 In (1.6 Mm), All Colors)	V-2	V-2	UL 94

Notes

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