

# Matrixx 12N4000

Polypropylene  
The Matrixx Group, Inc.

Message:

Matrixx 12N4000 is a Polypropylene material. It is available in North America.  
Important attributes of Matrixx 12N4000 are:  
Flame Rated  
Flame Retardant

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Low Blooming		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.938	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	1.6 to 2.2	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	34.5	MPa	ASTM D638
Flexural Modulus - Tangent	1450	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	27	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	96.1	°C	ASTM D648
RTI Str	121	°C	UL 746
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm)	V-2	UL 94	

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Recommended distributors for this material

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