

Matrixx 12N4003

Polypropylene

The Matrixx Group, Inc.

Message:

Matrixx 12N4003 is a Polypropylene material. It is available in North America.

Important attributes of Matrixx 12N4003 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 ³	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	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	23.4	MPa	ASTM D638
Flexural Modulus - Tangent	1000	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	160	J/m	ASTM D256
Gardner Impact	19.2	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	85.0	°C	ASTM D648
RTI Str	115	°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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