

Matrixx 12N4012

Polypropylene

The Matrixx Group, Inc.

Message:

Matrixx 12N4012 is a polypropylene material. This product is available in North America.

The main features of Matrixx 12N4012 are:

flame retardant/rated flame

Flame Retardant

General Information			
Additive	Flame retardancy		
Features	Flame retardancy		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.928	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.6 - 2.2	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	30.3	MPa	ASTM D638
Flexural Modulus	1280	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	80	J/m	ASTM D256
Dart Drop Impact	16.9	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	90.6	°C	ASTM D648
RTI Elec	110	°C	UL 746
RTI Imp	110	°C	UL 746
RTI	110	°C	UL 746
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm)	V-2	UL 94	
Additional Information			

The value listed as Mold Shrinkage, ASTM D955, was tested in accordance with Matrixx test methods.

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Recommended distributors for this material

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