

Matrixx 12N7006

Polypropylene Copolymer

The Matrixx Group, Inc.

Message:

Matrixx 12N7006 is a Polypropylene Copolymer (PP Copolymer) material. It is available in North America.

Important attributes of Matrixx 12N7006 are:

- Flame Rated
- Flame Retardant
- High Flow
- Impact Resistant

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	High Flow		
	High Impact Resistance		
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)	20	g/10 min	ASTM D1238
Molding Shrinkage - Flow (23°C, 3.18 mm)	0.16 to 0.22	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C, 3.18 mm)	16.5	MPa	ASTM D638
Tensile Elongation (Yield, 23°C, 3.18 mm)	8.0	%	ASTM D638
Flexural Modulus - Tangent (23°C, 3.18 mm)	758	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	No Break		ASTM D256
Gardner Impact (23°C, 3.18 mm)	18.1	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, 3.18 mm)	79.4	°C	ASTM D648
RTI Elec (1.50 mm)	115	°C	UL 746
RTI Imp (1.50 mm)	115	°C	UL 746
RTI Str (1.50 mm)	115	°C	UL 746
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	V-2		UL 94

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