

Mapex AN0320SN02

Polyamide 6

Ginar Technology Co., LTD.

Message:

Mapex AN0320SN02 is a Polyamide 6 (Nylon 6) product filled with 15% glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, or North America.

Characteristics include:

- Flame Rated
- RoHS Compliant
- Good Aesthetics

General Information			
UL YellowCard	E154352-223864		
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Features	Good Surface Finish		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm³	ASTM D792
Molding Shrinkage - Flow (3.00 mm)	0.30 to 0.50	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.30	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	86.2	MPa	ASTM D638
Tensile Elongation (Break)	11	%	ASTM D638
Flexural Modulus	3790	MPa	ASTM D790A
Flexural Strength	138	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	43	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	175	°C	ASTM D648
Peak Melting Temperature	220	°C	ASTM D789
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	17	kV/mm	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.125 mm)	HB		UL 94

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Recommended distributors for this material

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