

Mapex AN4720SB01

Polyamide 66

Ginar Technology Co., LTD.

Message:

Mapex AN4720SB01 is a Polyamide 66 (Nylon 66) product filled with 33% glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, or North America. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Additive	Hydrolysis Resistant		
Features	Hydrolysis Resistant		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.00 mm)	0.20 to 0.50	%	ASTM D955
Water Absorption (23°C, 24 hr)	1.2	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	121		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	155	MPa	ASTM D638
Tensile Elongation (Break)	2.5	%	ASTM D638
Flexural Modulus	89600	MPa	ASTM D790A
Flexural Strength	238	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	96	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	250	°C	ASTM D648
Peak Melting Temperature	260	°C	ASTM D789
CLTE - Flow	3.0E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	3.0E+13	ohms·cm	ASTM D257
Dielectric Strength	28	kV/mm	ASTM D149
Arc Resistance	110	sec	ASTM D495
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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