

Mapex AN4320SB

Polyamide 66

Ginar Technology Co., LTD.

Message:

Mapex AN4320SB is a polyamide 66 (nylon 66) product that contains 13% glass fiber reinforcement. It can be processed by injection molding and is available in North America, Africa and the Middle East, Europe or Asia Pacific. Typical application areas are: electrical/electronic applications. Features include:
Hard
Heat resistance

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 13% filler by weight		
Features	Rigidity, high		
	Heat resistance, high		
Uses	Electrical/Electronic Applications		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.40	%	ASTM D955
Water Absorption (24 hr)	1.3	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	103	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	4480	MPa	ASTM D790
Flexural Strength	152	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	240	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.20	%	
Suggested Shot Size	40 - 80	%	
Rear Temperature	250 - 265	°C	
Middle Temperature	240 - 260	°C	

Nozzle Temperature	230 - 240	°C
Mold Temperature	60.0 - 80.0	°C
Back Pressure	0.00 - 0.294	MPa
Screw Speed	50 - 70	rpm

Injection instructions

Injection Pressure: 50 to 70% Injection Speed: 50 to 70%

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Recommended distributors for this material

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