

# Mapex AN2320SB

Polyamide 66/6 Copolymer

Ginar Technology Co., LTD.

Message:

Mapex AN2320SB is a polyamide 66/6 copolymer (nylon 66/6) product, which contains a 13% glass fiber reinforced material. It can be processed by injection molding and is available in North America, Africa and the Middle East, Europe or Asia Pacific. Mapex AN2320SB applications include the automotive industry and handles.

Features include:

Hard

Heat resistance

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 13% filler by weight		
Features	Rigidity, high		
	Heat resistance, high		
Uses	Handle		
	Application in Automobile Field		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.40	%	ASTM D955
Water Absorption (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	96.5	MPa	ASTM D638
Tensile Elongation (Break)	1.5	%	ASTM D638
Flexural Modulus	4480	MPa	ASTM D790
Flexural Strength	131	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	43	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	220	°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	270 - 285	°C
Nozzle Temperature	265 - 275	°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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