

Mapex A0050FB

Polyamide 66
Ginar Technology Co., LTD.

Message:
Mapex A0050 PA6.6 is a halogenfree flame retarded unreinforced product for injection moulding in black colour

General Information			
Features	Highlight		
	Solvent resistance		
	Good formability		
	Good electrical performance		
	Good chemical resistance		
	Good wear resistance		
	Good weather resistance		
	Fuel resistance		
	Heat resistance, high		
	Oil resistance		
	Halogen-free		
	Flame retardancy		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm ³	ASTM D792, ISO 1183
Molding Shrinkage - Flow (1.60 mm)	1.4 - 1.6	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	72.0	MPa	ISO 527-2
Tensile Strain (Break)	8.0	%	ISO 527-2
Flexural Modulus	3100	MPa	ISO 178
Flexural Stress	131	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	105	°C	ASTM D648, ISO 75-2/A
Melting Temperature	250	°C	DSC
Flammability	Nominal Value	Test Method	
Flame Rating (0.750 mm)	V-0	UL 94	
Additional Information			
Notched Izod Impact Strength, ISO 180/1, notch 0.25in: 37 J/m			
Injection	Nominal Value	Unit	

Drying Temperature	90.0	°C
Drying Time	4.0	hr
Rear Temperature	250 - 275	°C
Middle Temperature	250 - 275	°C
Front Temperature	250 - 275	°C
Nozzle Temperature	260 - 270	°C
Mold Temperature	30.0 - 100	°C
Injection Pressure	50.0 - 120	MPa
Injection Rate	Moderate-Fast	
Holding Pressure	30.0 - 80.0	MPa
Back Pressure	0.00 - 0.300	MPa
Screw Speed	60 - 120	rpm

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Recommended distributors for this material

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