

MAPEX® AT0110GN B02

PA66

Ginar Technology Co.,Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	80	g/10min	ASTM D 1238
Temperature	275	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.021	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	41	MPa	ASTM D 638
Elongation at Break	80	%	ASTM D 638
Flexural Modulus	1448	MPa	ASTM D 790
Flexural Strength	62	MPa	ASTM D 790
Izod Impact notched, 1/8 in	960	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	187	J/m	ASTM D 256
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	3.2	mm	-
Melting Temperature	260	°C	ASTM D 3418

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Dielectric Strength, Short Time	20	kV/mm	ASTM D 149

Other properties	Value	Unit	Test Standard
Density	1070	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Black

Certifications

RoHS compliant

Special Characteristics

High impact or impact modified

Regional Availability

Europe, Asia Pacific