

**MAPEX® AN1020SN B01**

PA6-GF47

Ginar Technology Co.,Ltd.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.0025</b>	mm/mm	ASTM D 955

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>196</b>	MPa	ASTM D 638
Elongation at Break	<b>2</b>	%	ASTM D 638
Flexural Modulus	<b>12750</b>	MPa	ASTM D 790
Flexural Strength	<b>303</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>171</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
Thickness tested	<b>3.2</b>	mm	-
DTUL @ 264 psi	<b>210</b>	°C	ASTM D 648
Melting Temperature	<b>220</b>	°C	ASTM D 3418

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water Absorption, 24hr	<b>0.3</b>	%	ASTM D 570
Density	<b>1520</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

Black

**Regional Availability**

Europe, Asia Pacific

**Certifications**

RoHS compliant