

**MAPEX® NT0110GN**

PA6

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>0.0185</b> | mm/mm             | ASTM D 955           |
| <b>Mechanical properties</b>               |               |                   |                      |
| <b>ASTM Data</b>                           |               |                   |                      |
| Tensile Strength at Yield                  | <b>50</b>     | MPa               | ASTM D 638           |
| Elongation at Break                        | <b>65</b>     | %                 | ASTM D 638           |
| Flexural Modulus                           | <b>1861</b>   | MPa               | ASTM D 790           |
| Flexural Strength                          | <b>76</b>     | MPa               | ASTM D 790           |
| Izod Impact notched, 1/8 in                | <b>801</b>    | J/m               | ASTM D 256           |
| Izod Impact notched, Low-Temperature       | <b>267</b>    | J/m               | ASTM D 256           |
| Temperature                                | <b>-30</b>    | °C                | -                    |
| <b>Thermal properties</b>                  |               |                   |                      |
| <b>ASTM Data</b>                           |               |                   |                      |
| UL 94 Flame rating                         | <b>HB</b>     | -                 | UL 94                |
| Thickness tested                           | <b>3.2</b>    | mm                | -                    |
| DTUL @ 66 psi                              | <b>163</b>    | °C                | ASTM D 648           |
| DTUL @ 264 psi                             | <b>58</b>     | °C                | ASTM D 648           |
| Melting Temperature                        | <b>220</b>    | °C                | ASTM D 3418          |
| <b>Other properties</b>                    |               |                   |                      |
| Density                                    | <b>1060</b>   | kg/m <sup>3</sup> | ASTM D 792           |

**Characteristics****Special Characteristics**

High impact or impact modified

**Regional Availability**

Europe, Asia Pacific

**Certifications**

RoHS compliant