

JH710 G20

PC-GF20

Kingfa Sci. & Tech.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|---------------|-------|---------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.0035 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|--------------------------------------|-------------|------|---------------|
| ASTM Data | | | |
| Tensile Strength | 96 | MPa | ASTM D 638 |
| Elongation at Break | 7 | % | ASTM D 638 |
| Flexural Modulus | 6200 | MPa | ASTM D 790 |
| Flexural Strength | 141 | MPa | ASTM D 790 |
| Rockwell Hardness | M 84 | - | ASTM D 785 |
| Izod Impact notched, 1/8 in | 94.2 | J/m | ASTM D 256 |
| Izod Impact notched, Low-Temperature | 86.5 | J/m | ASTM D 256 |
| Temperature | -30 | °C | - |

| Thermal properties | Value | Unit | Test Standard |
|--------------------|------------|------|---------------|
| ASTM Data | | | |
| UL 94 Flame rating | V-0 | - | UL 94 |
| Thickness tested | 1.6 | mm | - |
| DTUL @ 66 psi | 146 | °C | ASTM D 648 |
| DTUL @ 264 psi | 132 | °C | ASTM D 648 |

| Electrical properties | Value | Unit | Test Standard |
|---------------------------------|-----------------|--------|---------------|
| ASTM Data | | | |
| Dielectric Strength, Short Time | 19 | kV/mm | ASTM D 149 |
| Surface Resistivity | >1E15 | Ohm | ASTM D 257 |
| Volume Resistivity | >1E15 | Ohm*cm | ASTM D 257 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------------|-------------------|---------------|
| Density | 1340 | kg/m ³ | ASTM D 792 |

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

Flame retardant

Applications

IT / Business Machine, Electrical and Electronical

Regional Availability

Asia Pacific