

Edgetek™ CY1000-20GF/000 BK005

(PC+ABS)-GF20

Avient Corporation

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|------------------|-------------------|----------------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.0035 | mm/mm | ASTM D 955 |
| Mechanical properties | | | |
| ASTM Data | | | |
| Tensile Strength | 95 | MPa | ASTM D 638 |
| Flexural Modulus | 7500 | MPa | ASTM D 790 |
| Flexural Strength | 155 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 120 | J/m | ASTM D 256 |
| Thermal properties | | | |
| ASTM Data | | | |
| DTUL @ 264 psi | 120 | °C | ASTM D 648 |
| Electrical properties | | | |
| ASTM Data | | | |
| Surface Resistivity | 1E14 | Ohm | ASTM D 257 |
| Other properties | | | |
| Density | 1280 | kg/m ³ | ASTM D 792 |
| Processing Recommendation Injection Molding | | | |
| Pre-drying - Temperature | 80 - 100 | °C | - |
| Pre-drying - Time | 3 - 4 | h | - |
| Mold temperature | 70 - 90 | °C | - |
| Zone 1 | 230 - 250 | °C | - |
| Zone 2 | 230 - 250 | °C | - |
| Zone 3 | 230 - 250 | °C | - |

Characteristics**Processing**

Injection Molding

Regional Availability

Asia Pacific

Delivery form

Black