

Kotex KGN-20MRA

PC-GF20

Kotec Corporation

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|--------------|-------|---------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.004 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|-----------------------------|-------------|------|---------------|
| ASTM Data | | | |
| Tensile Strength at Break | 108 | MPa | ASTM D 638 |
| Elongation at Break | 4 | % | ASTM D 638 |
| Flexural Modulus | 5690 | MPa | ASTM D 790 |
| Flexural Strength | 152 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 90 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|--------------------|------------|------|---------------|
| ASTM Data | | | |
| UL 94 Flame rating | V-0 | - | UL 94 |
| Thickness tested | 1.7 | mm | - |
| DTUL @ 264 psi | 145 | °C | ASTM D 648 |

| Electrical properties | Value | Unit | Test Standard |
|---------------------------------|-----------------|--------|---------------|
| ASTM Data | | | |
| Dielectric Strength, Short Time | 20 | kV/mm | ASTM D 149 |
| Dissipation Factor, 1 MHz | 0.008 | - | ASTM D 150 |
| Dielectric Constant, 1 MHz | 3.2 | - | ASTM D 150 |
| Volume Resistivity | >1E15 | Ohm*cm | ASTM D 257 |
| Arc Resistance | 110 | s | ASTM D 495 |

| Other properties | Value | Unit | Test Standard |
|------------------------|-------------|-------------------|---------------|
| Water Absorption, 24hr | 0.2 | % | ASTM D 570 |
| Density | 1350 | kg/m ³ | ASTM D 792 |

Characteristics**Delivery form**

Pellets, Natural Color

Features

Low Odor

Special Characteristics

Flame retardant

Regional Availability

Europe, Asia Pacific