

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|--------|-------|---------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.0012 | mm/mm | ASTM D 955 |
| Mold Shrinkage, TD | 0.0081 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------|-------|------|---------------|
| ASTM Data | | | |
| Tensile Modulus | 16000 | MPa | ASTM D 638 |
| Tensile Strength | 160 | MPa | ASTM D 638 |
| Elongation at Break | 2.3 | % | ASTM D 638 |
| Flexural Modulus | 12900 | MPa | ASTM D 790 |
| Flexural Strength | 250 | MPa | ASTM D 790 |
| Rockwell Hardness | M 107 | - | ASTM D 785 |
| Shore D Hardness | 90 | - | ASTM D 2240 |
| Izod Impact notched, 1/8 in | 30 | J/m | ASTM D 256 |
| Izod Impact unnotched, 1/8 in | 350 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|------------------------------|-------|------|---------------|
| ASTM Data | | | |
| UL 94 Flame rating | V-0 | - | UL 94 |
| Thickness tested | 0.8 | mm | - |
| DTUL @ 264 psi | 350 | °C | ASTM D 648 |
| Melting Temperature | 372 | °C | ASTM D 3418 |
| Glass Transition Temperature | 152 | °C | ASTM E 1356 |

| Electrical properties | Value | Unit | Test Standard |
|-----------------------|-------|--------|---------------|
| ASTM Data | | | |
| Volume Resistivity | 1E8 | Ohm*cm | ASTM D 257 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 1420 | kg/m ³ | ASTM D 792 |

Characteristics

Processing

Injection Molding

Delivery form

Granules, Black

Special Characteristics

Flame retardant

Applications

IT / Business Machine, Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa