

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|------|-----------------|
| ISO Data | | | |
| Molding shrinkage, parallel | 0.3 | % | ISO 294-4, 2577 |

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------|-------|------|---------------|
| ISO Data | | | |
| Tensile Modulus | 10000 | MPa | ISO 527 |
| Stress at break | 135 | MPa | ISO 527 |
| Strain at break | 2.2 | % | ISO 527 |
| Flexural modulus, 23°C | 8000 | MPa | ISO 178 |
| Flexural strength | 215 | MPa | ISO 178 |
| ASTM Data | | | |
| Izod Impact notched, 1/8 in | 60 | J/m | ASTM D 256 |
| Izod Impact unnotched, 1/8 in | 370 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|---------------------------------------------|-------|-------|----------------|
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 220 | °C | ISO 75-1/-2 |
| Coeff. of linear therm. expansion, parallel | 29 | E-6/K | ISO 11359-1/-2 |
| Oxygen index | 23 | % | ISO 4589-1/-2 |

| Electrical properties | Value | Unit | Test Standard |
|----------------------------|-------|-------|---------------|
| ISO Data | | | |
| Volume resistivity | 1E13 | Ohm*m | IEC 62631-3-1 |
| Electric strength | 28 | kV/mm | IEC 60243-1 |
| Comparative tracking index | 600 | - | IEC 60112 |

| Other properties | Value | Unit | Test Standard |
|---------------------|-------|-------------------|----------------|
| Humidity absorption | 1.8 | % | Sim. to ISO 62 |
| Density | 1510 | kg/m ³ | ISO 1183 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---------------------------------------------|-----------|------|---------------|
| Pre-drying - Temperature | 120 | °C | - |
| Pre-drying - Time | 0.5 - 1.5 | h | - |
| Melt temperature | 280 | °C | - |
| Mold temperature | 120 - 140 | °C | - |
| Zone 1 | 250 - 260 | °C | - |
| Zone 2 | 260 - 290 | °C | - |

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Natural Color

Features

Creep Resistance, High Gloss, Tribologic Grade

Chemical Resistance

General Chemical Resistance

Certifications

RoHS compliant

Applications

Automotive, IT / Business Machine, Electrical and Electronical

Regional Availability

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