

| Processing/Physical Characteristics | dry / cond | Unit | Test Standard |
|--|------------|------|-----------------|
| ISO Data | | | |
| ^[C] Molding shrinkage, parallel | 0.2 / * | % | ISO 294-4, 2577 |
| ^[C] Molding shrinkage, normal | 0.9 / * | % | ISO 294-4, 2577 |

[C]: CAMPUS

| Mechanical properties | dry / cond | Unit | Test Standard |
|--|--------------|-------------------|---------------|
| ISO Data | | | |
| ^[C] Tensile Modulus | 11300 / 8900 | MPa | ISO 527 |
| ^[C] Stress at break | 195 / 130 | MPa | ISO 527 |
| ^[C] Strain at break | 3.3 / 4.8 | % | ISO 527 |
| Flexural modulus, 23°C | 10100 / 8000 | MPa | ISO 178 |
| Flexural strength | 300 / 200 | MPa | ISO 178 |
| ^[C] Charpy impact strength, +23°C | 90 / - | kJ/m ² | ISO 179/1eU |
| ^[C] Charpy impact strength, -30°C | 70 / - | kJ/m ² | ISO 179/1eU |
| ^[C] Charpy notched impact strength, +23°C | 12 / 13 | kJ/m ² | ISO 179/1eA |
| ^[C] Charpy notched impact strength, -30°C | 9 / 10 | kJ/m ² | ISO 179/1eA |

[C]: CAMPUS

| Thermal properties | dry / cond | Unit | Test Standard |
|---|------------|-------|-----------------|
| ISO Data | | | |
| ^[C] Melting temperature, 10°C/min | 220 / * | °C | ISO 11357-1/-3 |
| ^[C] Temp. of deflection under load, 1.80 MPa | 218 / * | °C | ISO 75-1/-2 |
| ^[C] Temp. of deflection under load, 0.45 MPa | 225 / * | °C | ISO 75-1/-2 |
| ^[C] Burning Behav. at thickness h | HB / * | class | IEC 60695-11-10 |
| Thickness tested | 0.4 / * | mm | - |

[C]: CAMPUS

| Electrical properties | dry / cond | Unit | Test Standard |
|---|------------|-------|---------------|
| ISO Data | | | |
| ^[C] Volume resistivity | 1E13 / - | Ohm*m | IEC 62631-3-1 |
| ^[C] Surface resistivity | * / 1E15 | Ohm | IEC 62631-3-2 |
| ^[C] Electric strength | 34 / - | kV/mm | IEC 60243-1 |
| ^[C] Comparative tracking index | 600 / - | - | IEC 60112 |

[C]: CAMPUS

| Other properties | dry / cond | Unit | Test Standard |
|------------------------|------------|-------------------|---------------|
| ^[C] Density | 1350 / - | kg/m ³ | ISO 1183 |

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Delivery form

Black

Special Characteristics

Heat stabilized or stable to heat

Chemical Resistance

General Chemical Resistance, Hydrolytically Stable

Certifications

Contains renewable resources

Applications

Automotive