

| Processing/Physical Characteristics | dry / cond | Unit | Test Standard |
|--|----------------|------|-----------------|
| ISO Data | | | |
| ^[C] Molding shrinkage, parallel | 0.3 / * | % | 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 | 11000 / 7700 | MPa | ISO 527 |
| ^[C] Stress at break | 150 / 95 | MPa | ISO 527 |
| ^[C] Strain at break | 2.5 / 4.4 | % | ISO 527 |
| Flexural modulus, 23°C | 9500 / 6700 | MPa | ISO 178 |
| Flexural strength | 225 / 160 | MPa | ISO 178 |
| ^[C] Charpy impact strength, +23°C | 65 / 62 | kJ/m ² | ISO 179/1eU |
| ^[C] Charpy notched impact strength, +23°C | 10 / 9 | 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 | 205 / * | °C | ISO 75-1/-2 |
| ^[C] Burning Behav. at 1.5 mm nom. thickn. | V-0 / * | class | IEC 60695-11-10 |
| Yellow Card available | yes / * | - | - |
| ^[C] Burning Behav. at thickness h | V-0 / * | class | IEC 60695-11-10 |
| Thickness tested | 0.8 / * | 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 | * / 6E12 | Ohm | IEC 62631-3-2 |
| ^[C] Electric strength | 38 / - | kV/mm | IEC 60243-1 |
| ^[C] Comparative tracking index | 600 / - | - | IEC 60112 |

[C]: CAMPUS

| Other properties | dry / cond | Unit | Test Standard |
|------------------------|-----------------|-------------------|---------------|
| ^[C] Density | 1420 / - | kg/m ³ | ISO 1183 |

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Delivery form

Black

Special Characteristics

Flame retardant, Halogen-free, Phosphorus-free

Applications

Electrical and Electronical