

Product Texts

General purpose grade, suitable for any technical applications requiring medium impact resistance and flexibility. UL listed HB@0.75mm.

Flammability @3.2mm nom. HB -
 thickn.
 Flammability @0.8mm nom. HB -
 thickn.

| Processing/Physical Characteristics | dry / cond | Unit | Test Standard |
|--|------------|------|-----------------|
| ISO Data | | | |
| ^[C] Molding shrinkage, parallel | 1.4 / * | % | ISO 294-4, 2577 |
| ^[C] Molding shrinkage, normal | 1.4 / * | % | ISO 294-4, 2577 |

[C]: CAMPUS

| Mechanical properties | dry / cond | Unit | Test Standard |
|--|------------|-------------------|---------------|
| ISO Data | | | |
| ^[C] Tensile Modulus | 2500 / - | MPa | ISO 527 |
| ^[C] Yield stress | 55 / - | MPa | ISO 527 |
| ^[C] Yield strain | 5 / - | % | ISO 527 |
| ^[C] Charpy impact strength, +23°C | 100 / - | kJ/m ² | ISO 179/1eU |
| ^[C] Charpy notched impact strength, +23°C | 7 / - | kJ/m ² | ISO 179/1eA |

[C]: CAMPUS

| Thermal properties | dry / cond | Unit | Test Standard |
|---|------------|------|---------------|
| ISO Data | | | |
| ^[C] Temp. of deflection under load, 1.80 MPa | 75 / * | °C | ISO 75-1/-2 |
| ^[C] Temp. of deflection under load, 0.45 MPa | 200 / * | °C | ISO 75-1/-2 |

[C]: CAMPUS

| Electrical properties | dry / cond | Unit | Test Standard |
|----------------------------------|------------|-------|---------------|
| ISO Data | | | |
| ^[C] Electric strength | 20 / - | kV/mm | IEC 60243-1 |

[C]: CAMPUS

| Other properties | dry / cond | Unit | Test Standard |
|------------------------------------|------------|-------------------|----------------|
| ^[C] Water absorption | 7 / * | % | Sim. to ISO 62 |
| ^[C] Humidity absorption | 1.9 / * | % | Sim. to ISO 62 |
| ^[C] Density | - / 1080 | kg/m ³ | ISO 1183 |

[C]: CAMPUS

Characteristics

Delivery form

Black

Applications

General Purpose

Special Characteristics

U.V. stabilized or stable to weather