

Product Texts

Car industry, Household appliances, Electrical devices.

| | | |
|----------------------------------|----|----------------------|
| Flammability @3.2mm nom. thickn. | HB | - |
| Flammability @1.6mm nom. thickn. | HB | - |
| Flammability @0.8mm nom. thickn. | HB | UL recognition (0.8) |

| Processing/Physical Characteristics | dry / cond | Unit | Test Standard |
|--|----------------|------|-----------------|
| ISO Data | | | |
| ^[C] Molding shrinkage, parallel | 0.4 / * | % | ISO 294-4, 2577 |
| ^[C] Molding shrinkage, normal | 0.6 / * | % | ISO 294-4, 2577 |

^[C]: CAMPUS

| Mechanical properties | dry / cond | Unit | Test Standard |
|--|-----------------|-------------------|---------------|
| ISO Data | | | |
| ^[C] Tensile Modulus | 9000 / - | MPa | ISO 527 |
| ^[C] Stress at break | 150 / - | MPa | ISO 527 |
| ^[C] Strain at break | 3 / - | % | ISO 527 |
| ^[C] Charpy impact strength, +23°C | 60 / - | kJ/m ² | ISO 179/1eU |
| ^[C] Charpy notched impact strength, +23°C | 10.5 / - | kJ/m ² | ISO 179/1eA |

^[C]: CAMPUS

| Thermal properties | dry / cond | Unit | Test Standard |
|---|----------------|-------|-----------------|
| ISO Data | | | |
| ^[C] Temp. of deflection under load, 0.45 MPa | 210 / * | °C | ISO 75-1/-2 |
| ^[C] Burning Behav. at 1.5 mm nom. thickn. | HB / * | class | IEC 60695-11-10 |
| Thickness tested | 1.6 / * | mm | - |

^[C]: CAMPUS

| Other properties | dry / cond | Unit | Test Standard |
|------------------------------------|-----------------|-------------------|----------------|
| ^[C] Water absorption | 6.5 / * | % | Sim. to ISO 62 |
| ^[C] Humidity absorption | 1.6 / * | % | Sim. to ISO 62 |
| ^[C] Density | - / 1370 | kg/m ³ | ISO 1183 |

^[C]: CAMPUS

Characteristics

Applications

Automotive, Electrical and Electronical