

**Product Texts**

Mineral and glass filled grade with low warp, easy flow and smooth surface appearance. Chemical abbreviation according to ISO 1043-1 : LCP Inherently flame retardant. FDA compliant

Flammability at thickness h V-0

| Processing/Physical Characteristics      | Value      | Unit | Test Standard   |
|--|------------|------|-----------------|
| <b>ISO Data</b>                          |            |      |                 |
| <sup>[C]</sup> Molding shrinkage, normal | <b>0.5</b> | %    | ISO 294-4, 2577 |

[C]: CAMPUS

| Mechanical properties                                | Value        | Unit              | Test Standard |
|--|--------------|-------------------|---------------|
| <b>ISO Data</b>                                      |              |                   |               |
| <sup>[C]</sup> Tensile Modulus                       | <b>12000</b> | MPa               | ISO 527       |
| <sup>[C]</sup> Stress at break                       | <b>110</b>   | MPa               | ISO 527       |
| <sup>[C]</sup> Strain at break                       | <b>2</b>     | %                 | ISO 527       |
| <sup>[C]</sup> Charpy impact strength, +23°C         | <b>24</b>    | kJ/m <sup>2</sup> | ISO 179/1eU   |
| <sup>[C]</sup> Charpy notched impact strength, +23°C | <b>5</b>     | kJ/m <sup>2</sup> | ISO 179/1eA   |

[C]: CAMPUS

| Thermal properties   | Value      | Unit  | Test Standard   |
|--|------------|-------|-----------------|
| <b>ISO Data</b>  |            |       |                 |
| <sup>[C]</sup> Melting temperature, 10°C/min               | <b>335</b> | °C    | ISO 11357-1/-3  |
| <sup>[C]</sup> Temp. of deflection under load, 1.80 MPa    | <b>260</b> | °C    | ISO 75-1/-2     |
| <sup>[C]</sup> Temp. of deflection under load, 8.00 MPa    | <b>177</b> | °C    | ISO 75-1/-2     |
| <sup>[C]</sup> Coeff. of linear therm. expansion, parallel | <b>11</b>  | E-6/K | ISO 11359-1/-2  |
| <sup>[C]</sup> Coeff. of linear therm. expansion, normal   | <b>20</b>  | E-6/K | ISO 11359-1/-2  |
| <sup>[C]</sup> Burning Behav. at thickness h               | <b>V-0</b> | class | IEC 60695-11-10 |

[C]: CAMPUS

| Electrical properties              | Value           | Unit  | Test Standard |
|------------------------------------|-----------------|-------|---------------|
| <b>ISO Data</b>                    |                 |       |               |
| <sup>[C]</sup> Volume resistivity  | <b>&gt;1E13</b> | Ohm*m | IEC 62631-3-1 |
| <sup>[C]</sup> Surface resistivity | <b>&gt;1E15</b> | Ohm   | IEC 62631-3-2 |

[C]: CAMPUS

| Other properties       | Value       | Unit              | Test Standard |
|------------------------|-------------|-------------------|---------------|
| <sup>[C]</sup> Density | <b>1770</b> | kg/m <sup>3</sup> | ISO 1183      |

[C]: CAMPUS

**Characteristics**

**Special Characteristics**

Flame retardant

**Features**

Low Warpage

**Certifications**

Food contact, Food approval FDA 21 CFR

**Regional Availability**

North America, Europe, Asia Pacific