

PALBLEND® R FR 0

(PC+ABS)

Pal Plast GmbH

| Mechanical properties | Value | Unit | Test Standard |
|---|--------------------------|----------------------|----------------------|
| ISO Data | | | |
| Tensile Modulus | 2550 | MPa | ISO 527 |
| Yield stress | 55 | MPa | ISO 527 |
| Yield strain | 8 | % | ISO 527 |
| Nominal strain at break | >50 | % | ISO 527 |
| Stress at break | 45 | MPa | ISO 527 |
| Strain at break | 40 | % | ISO 527 |
| Charpy impact strength, +23°C | N | kJ/m ² | ISO 179/1eU |
| Thermal properties | | | |
| ISO Data | Value | Unit | Test Standard |
| Vicat softening temperature, B | 85 | °C | ISO 306 |
| Burning behav. at 1.5 mm nom. thickn. Thickness tested | V-0 1.6 | class mm | IEC 60695-11-10 - |
| Electrical properties | | | |
| ISO Data | Value | Unit | Test Standard |
| Comparative tracking index | 300 | - | IEC 60112 |
| Other properties | | | |
| Value | Unit | Test Standard | |
| Water absorption | 0.6 | % | Sim. to ISO 62 |
| Humidity absorption | 0.175 | % | Sim. to ISO 62 |
| Density | 1170 | kg/m ³ | ISO 1183 |

Characteristics**Special Characteristics**

Flame retardant, Halogen-free, High impact or impact modified

Certifications

Recycled Resin Content

Applications

Electrical and Electronical

Regional Availability

Europe