

Technical Data Sheet



Maywogreen PS PCR[®] 1227

PS

Typical characteristics

- RoHS compliant

Typical industries

- 真空成型

Sustainability

- Post-Consumer-Recycling material
- The use of recycled materials conserves valuable resources

| | Test method | Unit | Guideline value |
|------------------------------|-------------------------|---------------------|--------------------|
| General properties | | | |
| Density | DIN EN ISO 1183-1 | g / cm ³ | 1,07 |
| Mechanical properties | | | |
| Yield stress | DIN EN ISO 527 | MPa | 20 |
| Elongation at break | DIN EN ISO 527 | % | 40 |
| Notched impact strength | DIN EN ISO 179 | kJ / m ² | 4 |
| Thermal properties | | | |
| Melting temperature | ISO 11357-3 | °C | > 170 °C |
| Vicat softening temperature | DIN EN ISO 306, Vicat B | °C | 90 |
| Electrical properties | | | |
| Surface resistivity | DIN EN 61340 | Ω | > 10 ¹² |
| Volume resistivity | DIN EN 61340 | Ω | > 10 ¹² |

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* For classification according DIN 4102, the finished component has to be tested.

ri-inquiry@roechling.com • www.roechling.com/industrial/materials

