

Product: iglidur® I180-PF

General Properties:

| | |
|--|------------------------|
| density: | 1.21 g/cm ³ |
| colour: | white |
| saturation with moisture absorption at 23°C / 50% r. h.: | 0.3 weight % |
| saturation with water: | 0.9 weight % |

Mechanical Properties:³⁾

| | |
|---|---------------------------|
| flexural modulus: | 1000 MPa |
| flexural strength: | 44 / 33 MPa ⁴⁾ |
| max. permissible surface pressure at 20 °C: | 30 MPa |
| Shore D hardness: | 66 |

Thermal Properties:

| | |
|--|-------|
| highest long term service temperature ¹⁾ : | 100°C |
| highest short term service temperature ^{1), 2)} : | 120°C |
| highest short term ambient temperature ^{1), 2)} : | 120°C |
| lowest service temperature: | -40°C |

Electrical Properties:³⁾

| | |
|------------------------------|-----------------------|
| specific volume resistivity: | >10 ¹² Ωcm |
| surface resistivity: | >10 ¹¹ Ω |

¹⁾ relaxation possible

²⁾ without additional load; no movement

³⁾ Depends on the printing parameters

⁴⁾ Printed flat / upright

The information on this Product Data Sheet is based on our current knowledge of the specified product. None of the information comprises one or more guarantees on certain properties.

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