

Product: iglidur® RW370 printed

30.04.2019

General Properties:

density: ³⁾	1.34 g/cm ³
colour:	beige
saturation with moisture absorption at 23 °C / 50 % r. h.:	0.25 weight %
saturation with water:	1.2 weight %

Mechanical Properties: ³⁾

flexural modulus:	2177 / 1407 MPa ⁴⁾
flexural strength:	91.2 / 30.2 MPa ⁴⁾
max. permissible surface pressure at 20 °C:	45 MPa
Shore D hardness:	80

Thermal Properties:

highest long-term service temperature ^{1), 2)} :	170°C
highest short-term service temperature ^{1), 2)} :	190°C
highest short-term ambient temperature ^{1), 2)} :	200°C
lowest service temperature:	-50°C

Electrical Properties: ³⁾

specific volume resistivity	>10 ¹² Ωcm
surface resistivity:	>10 ¹² Ω

- 1) relaxation possible
- 2) without additional load; no movement
- 3) depending on 3D printer and 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.