

Product: iglidur® I190-PF 3D-printed

15.05.2020

General Properties:

density:	1.37 g/cm ³
colour:	beige
saturation with moisture absorption at 23°C / 50% r. h.:	1.4 weight %
saturation with water:	6.0 weight %

Mechanical Properties:

flexural modulus:	2400 MPa ³⁾
flexural strength:	75 MPa ³⁾
max. permissible surface pressure at 20 °C:	35 MPa
Shore D hardness:	71

Thermal Properties:

highest long term service temperature ¹⁾ :	90°C
highest short term service temperature ^{1), 2)} :	120°C
highest short term ambient temperature ^{1), 2)} :	160°C
lowest service temperature:	-40°C

Electrical Properties: ³⁾

specific volume resistivity:	n.d.
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
- 5) printed 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.