

Product: iglidur® I151-PF 3D-printed

08.03.2021

General Properties:

density:	ca. 1.42 g/cm ³
colour:	light blue
saturation with moisture absorption at 23°C / 50% r. h.:	n.d.
saturation with water:	n.d.

Mechanical Properties:

flexural modulus:	1400 MPa ³⁾
flexural strength:	43 MPa ^{3,4)}
tensile modulus:	950 MPa ³⁾
tensile strength:	28 MPa ^{3,4)}
max. permissible surface pressure at 20 °C:	n.d.
Shore D hardness:	69

Thermal Properties:

highest long term service temperature ¹⁾ :	65°C
highest short term service temperature ^{1), 2)} :	75°C
highest short term ambient temperature ^{1), 2)} :	85°C
lowest service temperature:	-30°C

Electrical Properties: ³⁾

specific volume resistivity:	n.d.
surface resistivity:	n.d.

- 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.