

Product: iglidur® i6-BLUE

11.03.2022

General Properties: ³⁾

density:	1.06 g/cm ³
colour:	lightblue
saturation with moisture absorption at 23°C / 50% r. h.:	0,8 Gew.-%
saturation with water:	1,9 Gew.-%

Mechanical Properties: ³⁾

flexural modulus:	1100 MPa
flexural strength:	49 / 38 MPa ⁴⁾
tensile modulus:	1400 MPa
tensile strength:	31 / 28 MPa ⁴⁾
max. permissible surface pressure at 20 °C:	34 MPa
Shore D hardness:	67

Thermal Properties:

highest long term service temperature ^{1) 2)} :	80°C
highest short term service temperature ^{1) 2)} :	140°C
highest short term application temperature ^{1) 2)} :	150°C
lowest service temperature:	-40°C

Electrical Properties:

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

¹⁾ relaxation possible

²⁾ without additional load; no movement

³⁾ depending on the pressure parameters and printing orientation

⁴⁾ flat / upright sintered

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.