

Product: iglidur® I180-BL-PF

General Properties:

density:	1.21 g/cm ³
colour:	black
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.