

Product: iglidur® I170-PF

11.09.2014

General Properties:

density:	1.21 g/cm ³
colour:	yellow
saturation with moisture absorption at 23°C / 50% r. h.:	0.5 weight %
saturation with water:	1.6 weight %

Mechanical Properties:³⁾

flexural modulus:	1000 MPa
flexural strength:	33 / 17 MPa ⁴⁾
max. permissible surface pressure at 20 °C:	not tested
Shore D hardness:	64

Thermal Properties:

highest long term service temperature ¹⁾ :	75°C
highest short term service temperature ^{1), 2)} :	85°C
highest short term ambient temperature ^{1), 2)} :	100°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