

Product: iglidur® I150-PF

25.05.2016

General Properties:

density:	1.3 g/cm ³
colour:	white
saturation with moisture absorption at 23°C / 50% r. h.:	0.3 weight %
saturation with water:	0.7 weight %

Mechanical Properties:³⁾

flexural modulus:	1700 MPa
flexural strength:	54 MPa
max. permissible surface pressure at 20 °C:	-
Shore D hardness:	62

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:	>10 ¹³ Ωcm
surface resistivity:	>10 ¹² Ω

¹⁾ relaxation possible

²⁾ without additional load; no movement

³⁾ Depends on the printing parameters

⁴⁾ Printed flat / upright