

Product: iglidur® A180

05 October 2005

General Properties:

density:	1.46 g/cm ³
colour:	white
saturation with moisture absorption at 23 °C / 50% r. h.:	0.2 weight %
saturation with water:	1.3 weight %

Mechanical Properties:

flexural modulus:	2300 MPa
flexural strength:	88 MPa
max. permissible surface pressure at 20 °C:	28 MPa
Shore D hardness:	76

Thermal Properties:

highest long term service temperature:	90 °C
highest short term service temperature:	110 °C
highest short term ambient temperature ¹⁾ :	110 °C
lowest service temperature:	-50 °C

Electrical Properties:

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

¹⁾ without additional load; no movement; relaxation possible.