

Product: iglidur[®] A181

19.11.2013

General Properties:

density:	1.38 g/cm ³
colour:	blue
saturation with moisture absorption at 23°C / 50% r. h.:	0.2 weight %
saturation with water:	1.3 weight %

Mechanical Properties:

flexural modulus:	1913 MPa
flexural strength:	48 MPa
max. permissible surface pressure at 20 °C:	31 MPa
Shore D hardness:	76

Thermal Properties:

highest long term service temperature ¹⁾ :	90°C
highest short term service temperature ^{1), 2)} :	110°C
highest short term ambient temperature ^{1), 2)} :	120°C
lowest service temperature:	-50°C

Electrical Properties:

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

¹⁾ relaxation possible

²⁾ without additional load; no movement