

Product: iglidur[®] G

19.11.2013

General Properties:

density:	1.46 g/cm ³
colour:	dark grey
saturation with moisture absorption at 23°C / 50% r. h.:	0.7 weight %
saturation with water:	4.0 weight %

Mechanical Properties:

flexural modulus:	7800 MPa
flexural strength:	210 MPa
max. permissible surface pressure at 20 °C:	80 MPa
Shore D hardness:	81

Thermal Properties:

highest long term service temperature ¹⁾ :	130°C
highest short term service temperature ^{1), 2)} :	220°C
highest short term ambient temperature ^{1), 2)} :	220°C
lowest service temperature:	-40°C

Electrical Properties:

specific volume resistivity:	>10 ¹³ Ωcm
surface resistivity:	>10 ¹¹ Ω

¹⁾ relaxation possible

²⁾ without additional load; no movement