

## Product: iglidur® G1

### General Properties:

density:	1.58 g/cm <sup>3</sup>
colour:	dark grey- mottled
saturation with moisture absorption at 23°C / 50% r. h.:	0.2 weight %
saturation with water:	1.7 weight %

### Mechanical Properties:

flexural modulus:	11486 MPa
flexural strength:	178 MPa
max. permissible surface pressure at 20 °C:	91 MPa
Shore D hardness:	81

### Thermal Properties<sup>1), 2)</sup>:

highest long term service temperature:	180°C
highest short term service temperature:	220°C
highest short term ambient temperature:	240°C
lowest service temperature:	-40°C

### Electrical Properties:

specific volume resistivity:	>10 <sup>9</sup> Ωcm
surface resistivity:	>10 <sup>9</sup> Ω

<sup>1)</sup> relaxation possible

<sup>2)</sup> without additional load; no movement

The information on this Product Data Sheet is based on our current knowledge of the specified product. None of the information comprises one or more guarantees on certain properties.