

## Product: iglidur<sup>®</sup> A181

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### General Properties:

density:	1.38 g/cm <sup>3</sup>
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 <sup>1)</sup> :	90°C
highest short term service temperature <sup>1), 2)</sup> :	110°C
highest short term ambient temperature <sup>1), 2)</sup> :	120°C
lowest service temperature:	-50°C

### Electrical Properties:

specific volume resistivity:	>10 <sup>12</sup> Ωcm
surface resistivity:	>10 <sup>12</sup> Ω

<sup>1)</sup> relaxation possible

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