

## Product: iglidur® I180-BL-PF

11.09.2014

### General Properties:

density:	1.21 g/cm <sup>3</sup>
colour:	black
saturation with moisture absorption at 23°C / 50% r. h.:	0.3 weight %
saturation with water:	0.9 weight %

### Mechanical Properties:<sup>3)</sup>

flexural modulus:	1000 MPa
flexural strength:	44 / 33 MPa <sup>4)</sup>
max. permissible surface pressure at 20 °C:	30 MPa
Shore D hardness:	66

### Thermal Properties:

highest long term service temperature <sup>1)</sup> :	80°C
highest short term service temperature <sup>1), 2)</sup> :	90°C
highest short term ambient temperature <sup>1), 2)</sup> :	105°C
lowest service temperature:	-40°C

### Electrical Properties:<sup>3)</sup>

specific volume resistivity:	>10 <sup>12</sup> Ωcm
surface resistivity:	>10 <sup>11</sup> Ω

<sup>1)</sup> relaxation possible

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

<sup>3)</sup> Depends on the printing parameters

<sup>4)</sup> Printed flat / upright

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 .

Erstellt: 11.09.2014/Tom Krause/ Entwicklung

Geändert:

Verteiler: Technisches Marketing, Entwicklung

Stand: A

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