

Product: iglidur® UW

General Properties:

density:	1.52 g/cm ³
colour:	black
saturation with moisture absorption at 23°C / 50% r. h.:	0.2 weight %
saturation with water ³⁾ :	0.8 weight %

Mechanical Properties:

flexural modulus:	9600 MPa
flexural strength:	90 MPa
max. permissible surface pressure at 20 °C:	40 MPa
Shore D hardness:	78

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)} :	140°C
lowest service temperature:	-50°C

Electrical Properties³⁾:

specific volume resistivity:	<10 ⁵ Ωcm
surface resistivity:	<10 ⁵ Ω

¹⁾ relaxation possible

²⁾ without additional load; no movement

³⁾ The good conductivity of this product might lead to the corrosion of metallic counterparts under certain conditions.

Concerning the use of this product with direct contact to water, it has to be stated that all data was generated using deionised water under laboratory conditions. It is thus recommended to test the parts under application conditions.

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.