

Product: iglidur® UW500

General Properties:

density:	1.49 g/cm ³
colour:	black
saturation with moisture absorption at 23°C / 50% r. h.:	0.1 weight %
saturation with water ³⁾ :	0.5 weight %

Mechanical Properties:

flexural modulus:	16000 MPa
flexural strength:	260 MPa
max. permissible surface pressure at 20 °C:	150 MPa
Shore D hardness:	86

Thermal Properties:

highest long term service temperature ¹⁾ :	250°C
highest short term service temperature ^{1), 2)} :	315°C
highest short term ambient temperature ^{1), 2)} :	315°C
lowest service temperature:	-100°C

Electrical Properties ³⁾:

specific volume resistivity:	<10 ⁹ Ωcm
surface resistivity:	<10 ⁹ 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.

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.