

Product: iglidur® A500

General Properties:

density:	1.28 g/cm ³
colour:	brown
saturation with moisture absorption at 23°C / 50% r. h.:	0.3 weight %
saturation with water:	0.5 weight %

Mechanical Properties:

flexural modulus:	3600 MPa
flexural strength:	140 MPa
max. permissible surface pressure at 20 °C:	120 MPa
Shore D hardness:	83

Thermal Properties:

highest long term service temperature ¹⁾ :	250°C
highest short term service temperature ^{1), 2)} :	300°C
highest short term ambient temperature ^{1), 2)} :	315°C
lowest service temperature:	-100°C

Electrical Properties:

specific volume resistivity:	>10 ¹⁴ Ωcm
surface resistivity:	>10 ¹³ Ω

¹⁾ relaxation possible

²⁾ 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.