

Product: iglidur® L500

General Properties:

density:	1.53 g/cm ³
colour:	black
saturation with moisture absorption at 23°C / 50% r. h.:	0.1 weight %
saturation with water:	0.3 weight %

Mechanical Properties:

flexural modulus:	12015 MPa
flexural strength:	201 MPa
max. permissible surface pressure at 20 °C:	70 MPa
Shore D hardness:	81

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:

specific volume resistivity:	>10 ¹⁰ Ωcm
surface resistivity:	>10 ¹² 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.