

Product: iglidur® N54

General Properties:

density:	1.13 g/cm ³
colour:	green
saturation with moisture absorption at 23°C / 50% r. h.:	1.6 weight %
saturation with water:	3.6 weight %

Mechanical Properties:

flexural modulus:	1800 MPa
flexural strength:	70 MPa
max. permissible surface pressure at 20 °C:	36 MPa
Shore D hardness:	74

Thermal Properties:

highest long term service temperature ¹⁾ :	80°C
highest short term service temperature ^{1), 2)} :	120°C
highest short term ambient temperature ^{1), 2)} :	140°C
lowest service temperature:	-40°C

Electrical Properties:

specific volume resistivity:	>10 ¹³ Ωcm
surface resistivity:	>10 ¹¹ 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.