

Product: iglidur® F2

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:	0.4 weight %

Mechanical Properties:

flexural modulus:	7418 MPa
flexural strength:	93 MPa
max. permissible surface pressure at 20 °C:	47 MPa
Shore D hardness:	72

Thermal Properties:

highest long term service temperature ¹⁾ :	120°C
highest short term service temperature ^{1), 2)} :	165°C
highest short term ambient temperature ^{1), 2)} :	200°C
lowest service temperature:	-40°C

Electrical Properties³⁾:

surface resistivity between:	10 ³ Ω and 10 ⁹ Ω ⁴⁾
specific volume resistivity between:	10 ³ Ωcm and 10 ⁹ Ωcm ⁴⁾

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.

⁴⁾ depending on the part

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.