

Product: iglidur® I3

21.02.2017

General properties: ⁽³⁾

Density:	1.05 g/cm ³
Colour:	yellow
Saturation with moisture absorption at 23°C / 50% r. h.:	0.8 weight %
Saturation with water:	1.9 weight %

Mechanical properties: ⁽³⁾

Flexural modulus of elasticity:	1400 MPa
Flexural strength:	68 / 61 MPa ⁽⁴⁾
Tensile modulus of elasticity:	1800 MPa
Tensile strength:	41 / 36 MPa ⁽⁴⁾
Maximum surface pressure:	46 MPa
Shore D hardness:	70

Thermal properties:

Upper long-term application temperature ⁽¹⁾ :	80 deg. C
Upper short-term application temperature ^(1), 2) :	140 deg. C
Upper short-term application temperature ^(1), 2) :	150 deg. C
Lower application temperature:	-40 deg. C

Electric properties: ⁽³⁾

Specific volume resistance:	>10 ¹² Ωcm
Surface resistivity:	>10 ¹¹ Ω

⁽¹⁾ Relaxation cannot be precluded

⁽²⁾ Without additional load; no sliding movement

⁽³⁾ Depending on the pressure parameters and construction line

⁽³⁾ Flat / upright sintered

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.