

Product: iglidur® i3000-PR

General properties: ⁽³⁾

Density:	1.3 g/cm ³
Colour:	grey
Saturation with moisture absorption at 23°C / 50% r. h.:	1.8 weight %
Saturation with water:	3.2 weight %

Mechanical properties: ⁽³⁾

Flexural modulus of elasticity:	2610 MPa ⁽⁴⁾
Flexural strength:	90 MPa ⁽⁴⁾
Tensile strength:	n.d.
Maximum surface pressure:	20 MPa
Shore D hardness:	78

Thermal properties:

Upper long-term application temperature ⁽¹⁾ :	80 deg. C
Upper short-term application temperature ^(1), 2) :	100 deg. C
Upper short-term application temperature ^(1), 2) :	120 deg. C
Lower application temperature:	-20 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

⁽⁴⁾ Flat printed

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.

Erstellt: 24.04.22 / Tom Krause / Entwicklung
Geändert: 20.09.22 / Niklas Eutebach / Additive Fertigung
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