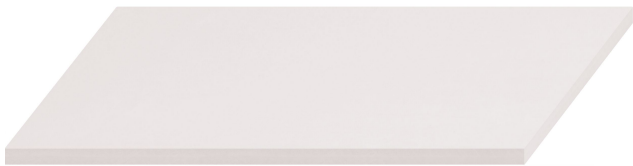


iglidur® A180, bar stock sheet

SFPA180-03-500-240



iglidur® A180, bar stock sheet

- Complies with Food and Drug Administration (FDA) regulations for contact with food
- Good media-resistance
- For wet environments
- High wear resistance
- Resistant to edge pressure
- Resistant to shocks and impacts
- Resistant to dirt and dust

Product description

Introducing the iglidur® A180 sheet, a versatile bar stock designed for creating maintenance-free sliding elements and plain bearings. This lubrication-free material complies with FDA regulations for food contact, making it ideal for wet environments. With high wear resistance and durability against shocks, impacts, and edge pressure, the iglidur® A180 ensures reliable performance. Additionally, it is resistant to dirt and dust, making it perfect for a variety of applications. Enjoy the freedom to design with confidence.

Properties and approvals

Certificates and standards (icons)	undefined undefined
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Electricity attributes

Specific transitional resistance	> 10 ¹²
Surface resistance	> 10 ¹¹ (DIN 53482)

Manufacturing and installation tolerances

Tolerance thickness	± 0,20 mm
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Dimensions

Width	240 mm
Length	500 mm
Thickness	3 mm



Requirements

FDA compliant	Yes
EU 10/2011 compliant	Yes
Mould-resistant according to DIN EN ISO 846 Procedure A	No

Thermal properties

Max. short-term application temperature	110 °C
Max. long-term application temperature	90 °C
Lower application temperature	-50 °C
Thermal expansion coefficient (at 23°C/73°F)	11 K ⁻¹ 10 ⁻⁵
Heat conductivity	0.25 W/(m K)

Mechanical properties

Modulus of elasticity	2300 MPa
Flexural strength (at 20°C/68°F)	88 MPa
Shore D hardness	76.0000
Compressive strength	78 MPa
Max. recommended surface pressure	28 MPa

General properties

Material	iglidur® A180
Colour	White
Max. moisture absorption	0.2 Wt.-%
Max. total moisture absorption	1.3 Wt.-%
Coefficient of friction, dynamic, against steel	0.05 - 0.23
pv value, max. (dry)	0.31 MPa m/s

Certificates and standards

