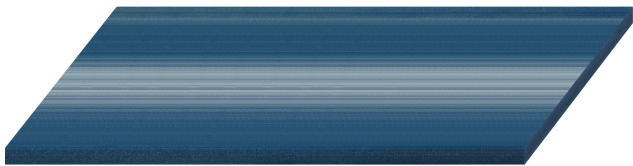


iglidur® A350, bar stock plates

SFPA350-30-500-610



iglidur® A350, bar stock plates

- For use with temperatures up to +180°C
- Comply with FDA requirements
- For medium to high loads
- Equally good for both rotating and pivoting applications
- Lubrication-free and maintenance-free
- Complies with the fire prevention requirements of the Federal Aviation Administration of the USA (FAA) for aircraft interiors

Product description

Introducing the iglidur® A350 plate bar stock, a versatile solution for creating maintenance-free sliding elements and plain bearings. This lubrication-free material is designed for temperatures up to +180°C and complies with FDA requirements, making it ideal for medical technology and special machine construction. With excellent wear and friction properties, it performs well under medium to high loads in both rotating and pivoting applications. Choose iglidur® A350 for reliable performance and flexibility in your projects.

Properties and approvals

Certificates and standards (icons)	undefined undefined
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Processing instructions

Sawing	undefined undefined
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Electricity attributes

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

Manufacturing and installation tolerances

Tolerance thickness	+ 0.5mm
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Requirements

FDA compliant	Yes
EU 10/2011 compliant	Yes
Mould-resistant according to DIN EN ISO 846 Procedure A	No
ESD compliant	No
RoHS 2 compliant according to EU guideline 2011/65/EU	Yes

Dimensions

Width	610 mm
Length	500 mm
Thickness	30 mm

Thermal properties

Max. long-term application temperature	180 °C
Lower application temperature	-100 °C

Mechanical properties

Modulus of elasticity	2000 MPa
Flexural strength (at 20°C/68°F)	110 MPa
Shore D hardness	76.0000
Compressive strength	78 MPa
Max. recommended surface pressure	60 MPa

General properties

Material	iglidur® A350
Density	1.42 g/cm³
Colour	blue
Max. moisture absorption	0.6 Wt.-%
Max. total moisture absorption	1.9 Wt.-%
Coefficient of friction, dynamic, against steel	0.10 - 0.20
pv value, max. (dry)	0.40 MPa m/s

Certificates and standards

