

iglidur® A350, bar stock plate strips

SFPA350-10-160



iglidur® A350, bar stock plate strips

- 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
- Complies with the fire prevention requirements of the Federal Aviation Administration of the USA (FAA) for aircraft interiors
- Choose the standard length of 1,000mm or have a length cut to size from 100-900mm

Product description

Introducing the iglidur® A350 plate strips, designed for versatile sliding elements and bearings. These lubrication-free bar stock materials excel in medium to high load applications, operating effectively at temperatures up to +180°C. Compliant with FDA requirements, they are ideal for medical technology and special machine construction. Available in a standard length of 1,000mm or customizable from 100-900mm, the iglidur® A350 ensures flexibility and durability for your unique needs.

Properties and approvals

Certificates and standards (icons)	undefined undefined
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Electricity attributes

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

Requirements

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

Manufacturing and installation tolerances

Tolerance thickness	+ 0.2mm
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Dimensions

Width	160 mm
Thickness	10 mm

Thermal properties

Max. short-term application temperature	210 °C
Lower application temperature	-100 °C
Thermal expansion coefficient (at 23°C/73°F)	$8 \text{ K}^{-1} \cdot 10^{-5}$
Heat conductivity	0.24 W/(m K)
Max. long-term application temperature	180 °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/cm ³
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

