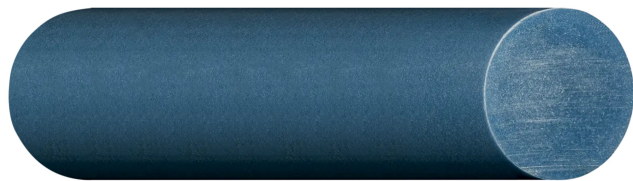


iglidur® A350, bar stock round bar

SFRA350-1000



iglidur® A350, bar stock round bar

- 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 round bar, a versatile solution for creating maintenance-free sliding elements and plain bearings. This lubrication-free bar stock is designed for high performance, with excellent wear and friction properties, making it ideal for various applications, including medical technology and special machine construction. It withstands temperatures up to +180°C and complies with FDA requirements, ensuring safety and reliability. Experience the flexibility and strength of iglidur® A350 for your next project.

Dimensions

Outer diameter d	10 mm
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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)

Properties and approvals

Certificates and standards (icons)	undefined undefined
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Requirements

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

Thermal properties

Lower application temperature	-100 °C
Max. long-term application temperature	180 °C
Max. short-term application temperature	210 °C
Thermal expansion coefficient (at 23°C/73°F)	8 K ⁻¹ 10 ⁻⁵
Heat conductivity	0.24 W/(m K)

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

