

iglidur® A160, bar stock plates

SFPA160-10-500-300



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- Compliant with EU regulation 10/2011 EC, FDA-compliant
- High media resistance
- Lubrication- and maintenance-free

Product description

Introducing the iglidur® A160 plate bar stock, designed for creating maintenance-free sliding elements and bearings. This lubrication-free material is perfect for various applications, including medical technology and special machine construction. With high media resistance and compliance with EU and FDA regulations, it ensures safety and reliability. Our bar stock is available in excess dimensions, allowing for custom shapes and urgent prototypes. Experience flexibility and high wear resistance with iglidur® A160.

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 ¹²
Surface resistance	> 10 ¹² (DIN 53482)

Manufacturing and installation tolerances

Tolerance thickness	+ 0.2mm
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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	300 mm
Length	500 mm
Thickness	10 mm

Thermal properties

Max. long-term application temperature	80 °C
Lower application temperature	-50 °C

Mechanical properties

Modulus of elasticity	1151 MPa
Flexural strength (at 20°C/68°F)	19 MPa
Shore D hardness	60.0000
Compressive strength	37 MPa
Max. recommended surface pressure	15 MPa

General properties

Material	iglidur® A160
Colour	blue
Max. moisture absorption	0.1 Wt.-%
Max. total moisture absorption	0.1 Wt.-%
Coefficient of friction, dynamic, against steel	0.09 - 0.19
pv value, max. (dry)	0.25 MPa m/s

Certificates and standards

