

iglidur® J, bar stock plates

SFPJ-10-500-300



iglidur® J, bar stock plates

- Low wear with different shaft materials
- Low coefficient of friction during dry operation
- Vibration-dampening
- Good chemical resistance
- For best performance with soft shaft materials
- Low moisture absorption

Product description

Introducing the iglidur® J plate bar stock, a versatile solution for creating maintenance-free sliding elements and bearings. This lubrication-free material features low wear against various shaft materials and a low coefficient of friction, ensuring smooth operation. With excellent vibration-dampening and chemical resistance, it's ideal for applications in medical technology, special machine construction, and more. Customize to your needs with urgent prototypes available, making it perfect for unique 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 ¹³ (DIN IEC93)
Surface resistance	> 10 ¹² (DIN 53482)

Manufacturing and installation tolerances

Tolerance thickness	+ 0.2mm
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Requirements

FDA compliant	No
EU 10/2011 compliant	No
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	90 °C
Lower application temperature	-50 °C

Mechanical properties

Modulus of elasticity	2400 MPa
Flexural strength (at 20°C/68°F)	73 MPa
Shore D hardness	74.0000
Compressive strength	60 MPa
Max. recommended surface pressure	35 MPa

General properties

Material	iglidur® J
Density	1.49 g/cm ³
Colour	yellow
Max. moisture absorption	0.3 Wt.-%
Max. total moisture absorption	1.3 Wt.-%
Coefficient of friction, dynamic, against steel	0.06 - 0.18
pv value, max. (dry)	0.34 MPa m/s

Certificates and standards

