

iglidur J, bar stock sheets

SFP J-03-500-500



iglidur J, bar stock sheets

- Low wear against different shaft materials
- Excellent wear resistance at room temperature
- Very good wear resistance at medium temperatures
- Low coefficient of friction during dry operation
- Vibration-dampening
- Good chemical resistance
- For best performance with soft shaft materials
- Resistant to dirt and dust
- Low moisture absorption

Product description

Discover iglidur J bar stock sheets, ideal for designing maintenance-free sliding elements and bearings. These lubrication-free sheets offer low wear, excellent resistance at room and medium temperatures, and a low coefficient of friction. Vibration-dampening, dirt-resistant, and suitable for soft shaft materials, they ensure durable, reliable performance in various applications.

Properties and approvals

Certificates and standards (icons)	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	± 0,20 mm
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Dimensions

Width	500 mm
Length	500 mm
Thickness	3 mm



Requirements

FDA compliant	No
EU 10/2011 compliant	No
Mould-resistant according to DIN EN ISO 846 Procedure A	No

Thermal properties

Max. short-term application temperature	120 °C
Max. long-term application temperature	90 °C
Lower application temperature	-50 °C
Thermal expansion coefficient (at 23°C/73°F)	10 K ⁻¹ 10 ⁻⁵

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

