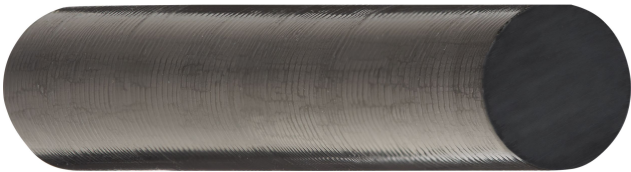


iglidur® M250, bar stock round bar

SFRM250-1500



iglidur® M250, bar stock round bar

- Excellent vibration dampening
- Resistant to edge loads
- High impact resistance

Product description

Introducing the iglidur® M250 round bar, a versatile bar stock designed for creating maintenance-free sliding elements and plain bearings. Made from high-quality engineering plastics, it offers excellent vibration dampening, high impact resistance, and is resistant to edge loads. Ideal for various applications in medical technology, special machine construction, and plant construction, this bar stock allows for custom dimensions and urgent prototypes. Experience superior performance with iglidur® M250.

Dimensions

Outer diameter d	15 mm
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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 ¹¹ (DIN 53482)

Properties and approvals

Certificates and standards (icons)	undefined undefined
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Requirements

FDA compliant	No
EU 10/2011 compliant	No
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	-40 °C
Max. long-term application temperature	80 °C
Max. short-term application temperature	170 °C
Thermal expansion coefficient (at 23°C/73°F)	10 K ⁻¹ 10 ⁻⁵
Heat conductivity	0.24 W/(m K)

Mechanical properties

Modulus of elasticity	2700 MPa
Flexural strength (at 20°C/68°F)	112 MPa
Shore D hardness	79.0000
Compressive strength	52 MPa
Max. recommended surface pressure	20 MPa

General properties

Material	iglidur® M250
Density	1.14 g/cm³
Colour	dark grey
Max. moisture absorption	1.4 Wt.-%
Max. total moisture absorption	7.6 Wt.-%
Coefficient of friction, dynamic, against steel	0.18 - 0.40
pv value, max. (dry)	0.12 MPa m/s

Certificates and standards

