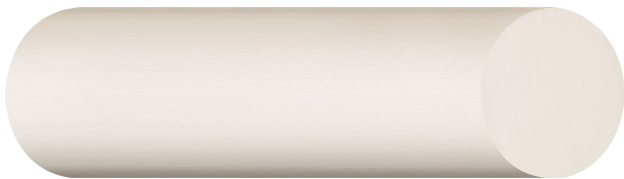


iglidur® T220, bar stock round bar

SFRT220-3000



iglidur® T220, bar stock round bar

- Free from ingredients banned or unwanted by the tobacco industry
- The material complies with food and drug administration (FDA) regulations

Product description

Introducing the iglidur® T220 round bar, a versatile solution for creating maintenance-free sliding elements and bearings. Made from high-quality materials, this bar stock is designed for optimal friction and wear performance. Ideal for applications in medical technology, special machine construction, and plant construction, it offers high compressive strength and flexibility. Plus, it's free from unwanted ingredients and complies with FDA regulations, ensuring safety and reliability for your projects.

Dimensions

Outer diameter d	30 mm
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Processing instructions

Sawing	undefined undefined
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Electricity attributes

Specific transitional resistance	> 10 ¹⁰ (DIN IEC93)
Surface resistance	> 10 ¹⁰ (DIN 53482)

Properties and approvals

Certificates and standards (icons)	undefined undefined
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Requirements

FDA compliant	Yes
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	100 °C
Max. short-term application temperature	160 °C
Thermal expansion coefficient (at 23°C/73°F)	11 K ⁻¹ 10 ⁻⁵
Heat conductivity	0.24 W/(m K)

Mechanical properties

Modulus of elasticity	1800 MPa
Shore D hardness	76.0000
Compressive strength	55 MPa
Max. recommended surface pressure	40 MPa

General properties

Material	iglidur® T220
Density	1.28 g/cm ³
Colour	White
Max. moisture absorption	0.3 Wt.-%
Max. total moisture absorption	0.5 Wt.-%
Coefficient of friction, dynamic, against steel	0.20 - 0.32
pv value, max. (dry)	0.28 MPa m/s

Certificates and standards

