

iglidur® P210, round bar

SFRP210-1500



iglidur® P210, round bar

- Low humidity absorption
- Low coefficient of friction and wear on almost every shaft
- Good price-performance ratio
- Extremely resistant to edge pressure
- Resistant to shocks and impact
- Good wear resistance at room temperature
- Good wear resistance at medium temperatures
- Resistant to dirt and dust
- Fogging behaviour according to DIN 75201-B

Product description

Introducing the iglidur® P210 round bar, a versatile lubrication-free solution for creating maintenance-free sliding elements and plain bearings. This bar stock is designed for optimal performance with excellent wear and friction properties, making it ideal for applications in medical technology, special machine construction, and plant construction. With low moisture absorption and a strong price/performance ratio, the iglidur® P210 is your go-to choice for custom dimensions and urgent prototypes.

Dimensions

Outer diameter d	15 mm
------------------	-------

Processing instructions

Sawing	undefined undefined
--------	---------------------

Electricity attributes

Specific transitional resistance	>10 ¹² (DIN IEC93)
Surface resistance	>10 ¹¹ (DIN 53482)

Properties and approvals

Certificates and standards (icons)	undefined undefined
------------------------------------	---------------------



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	100 °C
Max. short-term application temperature	160 °C
Thermal expansion coefficient (at 23°C/73°F)	$8 \times 10^{-5} \text{ K}^{-1}$
Heat conductivity	0.25W/(m K)

Mechanical properties

Modulus of elasticity	2500 MPa
Flexural strength (at 20°C/68°F)	70 MPa
Shore D hardness	75.0000
Compressive strength	50 MPa
Max. recommended surface pressure	50 MPa

General properties

Material	iglidur® P210
Density	1.4 g/cm³
Colour	yellow
Max. moisture absorption	0.3 Wt.-%
Max. total moisture absorption	0.5 Wt.-%
Coefficient of friction, dynamic, against steel	0.07 - 0.19
pv value, max. (dry)	0.40MPa m/s

Certificates and standards

