Röchling

Industrial

Technical Data Sheet

Laminex® 2100

Product characteristics

- Good mechanical properties
- Electrically insolating

Product applications

- Bearing shells
- Washers
- Crown gear

	Test method	Unit	Guideline Value
General properties			
Density	DIN EN ISO 1183-1	g / cm^3	~1,40
Mechanical properties			
Bending strength	DIN EN ISO 178	MPa	80-150
Tensile modulus of elasticity	DIN EN ISO 527	MPa	5300-7200
Tensile modulus of bending	DIN EN ISO 178	MPa	5000-8200
Notched impact strength	DIN EN ISO 179	kJ / m^2	10-14
Elongation at break	DIN EN ISO 527	%	1,3-3,5

All Information correspond to the current state of our knowledge. The above mentioned values are ranges ascertained by statistical tests on a regular base. They display product information and should be used as guide only to choose from our range of materials. We do not ensure specific properties or suitabilities for particular applications. The material properties rely e.g. on the product dimension, thus the actual value of a particular product may differ from indicated values.

Additional specific properties and values can be provided on request.

Our material selection for a specific application is based on information by the customer. Despite given recommendation for applications by Roechling Industrial Xanten GmbH, the enduser is still liable to ensure that no third party is affected legally. Furthermore please refer to our general terms and conditions (AGB) https://www.roechling-industrial.com/gtc

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INTEGRATED MANAGEMENT SYSTEM