Röchling

Industrial

Technical Data Sheet

Robaseal® S

Product characteristics

- Excellent dry-running properties
- Low thermal expansion
- Excellent sliding properties even at higher load

Product applications

- Pulp- & Paper industry
- Suction roll / sealing strip and end deckles

	Test method	Unit	Guideline Value
General properties			
Density	DIN EN ISO 1183-1	g / cm^3	1,54
Water absorption	DIN EN ISO 62	%	0,05
Coefficient of friction (against steel)	internal method: 2m/s; 1MPa	-	0,11
Mechanical properties			
Elongation at break	DIN EN ISO 527	%	0,26
Tensile modulus of elasticity	DIN EN ISO 527	MPa	13.500
Tensile strength	DIN EN ISO 527	MPa	43
Shore hardness	DIN EN ISO 868 / 15 sec	scale D	65
Flexural Strength		MPa	71
Thermal properties			
Thermal conductivity	DIN 52612-1	W / (m * K)	2,13
Coefficient of linear thermal expansion	DIN 53752	10^{-6} / K	25
Service temperature, long term	Average	°C	140

The data given are standard values which are based on our experience & previous technical studies. These values are influenced by the design, processing conditions and environmental influences out of our control. The sustainability of the material for a given application is the responsibility of the user. Typing and printing errors reserved.

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