

RAILKO RG127

Properties	Units	
Density	g/cm ³	1,36
Ultimate Compressive Strength	MPa	240
Normal Working Pressure	MPa	60
Compressive Yield @ 68,9 MPa	%	-
Impact strength [Charpy]	kJ/m ²	34
Shear strength	MPa	-
Brinell Hardness	HB	27
% Swell in water	@ 20°C	0,4
	@ 80°C	1,00
Coefficient of Friction	DRY	0,28
	WET	-
Bond Strength	KN@ 6.4 thick	-
Coefficient of Thermal Expansion	10 ⁻⁶ /°C normal	44
	parallel	25
Maximum Continuous Operating Temperature	°C	200
Maximum Intermittent Operating Temperature	°C	-

Product description:

Railko RG127 is a heat stabilized version of RG12 and has been especially developed for demanding bearing applications. RG127 contains graphite evenly dispersed throughout the matrix giving self lubricating performance. RG127 are manufactured from a high performance woven fabric impregnated with phenolic resin producing hard wearing and dimensionally stable products.

Availability:

Railko RG127:

Tube: Length: 610 mm
 Minimum Inside diameter: Ø19 mm
 Maximum Outside diameter: On request

Rod: Length: 610 mm
 Maximum diameter: Ø117 mm