

RAILKO RG1 & RG11

Railko RG1 & RG11 have been especially developed for demanding bearing applications including pump bearings, wear rings and thrust washers. Railko RG1 & RG11 are hard wearing and dimensionally stable.

Railko RG1 & RG11 has strength, durability, dimensional stability, excellent wear characteristics and exceptional temperature resistance.

Railko RG1 & RG11 products are the same formulation. Railko RG1 is for flat products and RG11 for cylindrical products.

Properties	Units		
Coefficient of Friction	-	0,28 – 0,32	
Swell in Water @ 20°C	%	0,4	
Swell in Water @ 80°C	%	0,5	
Ultimate Compressive Strength	MPa	330	
Compressive Yield @ 68,9 MPa	%	1,8	
Normal Working Pressure	MPa	82	
Thermal Expansion	Normal	10 ⁻⁶ /°C	60
	Parallel	10 ⁻⁶ /°C	30
Maximum Operating Temperature	Continuous	°C	200
	Intermittent	°C	220
Flexural Modulus	GPa	5	
Bond Strength	KN@ 7,9 thick	3	
Impact Strength	kJ/m ²	20	
Hardness	Brinell	28	
Density	g/cm ³	1,28	

Availability:

Railko RG1:

Sheet: Thickness: 3,2 – 50,8 mm
 Sizes: 1220 – 1220 mm

Railko RG11:

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

Rod: Length: 610 mm
 Diameter: Ø25,4 – Ø73,1 mm