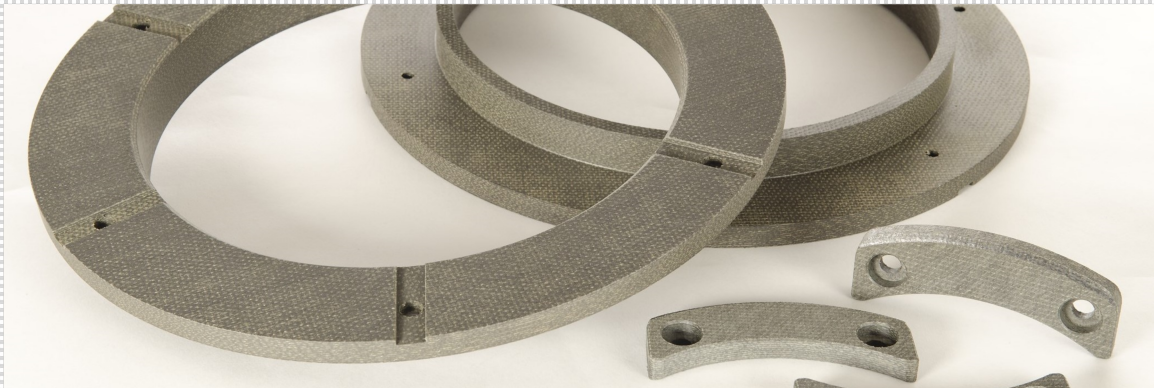


RAILKO RG2/RG12 BEARING MATERIAL



RAILKO RG2 and **RG12** are based on a woven fabric bonded with resin with the inclusion of a friction modifier. **RAILKO RG2** and **RG12** grades have the advantages of high temperature capability, high compressive strength, high pressure velocity, low friction, and low swell in fluids. The material is used as bushes, bearings, thrust washers, sliding pads.

RAILKO RG2S is the oil-impregnated version of **RAILKO RG2** and used as guiding elements and pressure guides for any type of bandsaw and resaw in the forestry industry. The friction-reducing additives significantly decrease wear of blade and pads while being capable of running dry for longer periods, making it the preferred choice of material in sawmills worldwide.

Availability:

RAILKO RG2/RG12 is available in sheets and tubes. RAILKO RG2 is for flat products and RAILKO RG12 for cylindrical products.

RAILKO RG12:

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

RAILKO RG2:

Sheet: Thickness: 2.4 – 75 mm
 Sizes: 1220 x 1220mm

- ✓ High Temperature Resistance
- ✓ High Compressive Strength
- ✓ High Pressure Velocity
- ✓ Controlled Friction
- ✓ Low Swell in Fluids

RAILKO RG2/RG12 Bearing Material

PROPERTY	UNITS	T814
Coefficient of Friction	dry	0.19 - 0.21
Compressive Strength	MPa	231
Normal Working Pressure	MPa	62
Impact Strength	kJ/m ²	37
Shear Strength	MPa	71
Hardness	Brinell	28
Swell in Water	% @ 20 °C	0.62
Density	g / cm ³	1.36
Coefficient of Thermal Expansion	10 ⁻⁶ /°C Normal	22
	10 ⁻⁶ /°C Parallel	43
Maximum Continuous Operating Temperature	°C	200
Maximum Intermittent Operating Temperature	°C	220



The information contained in this data sheet is presented in good faith. They are typical test results tested generally in accordance with BS, ISO and ASTM test methods and should not be used for specifications. GlobalNginereng LTD. does not warrant the conformity of its materials to the listed properties or their suitability for any particular purpose.

For further information please contact us at 647-270-9450