

## RAILKO RG2/RG12 Bearing Material



**TENMAT** RAILKO RG2/RG12 have been especially developed for demanding bearing applications. RG2/RG12 are both hard wearing and dimensionally stable.

RG2/RG12 products are the same formulation. RG2 is for flat products and RG12 for cylindrical products.

PROPERTY	UNITS	TYPICAL VALUE
Coefficient of Friction	Dry	0.19 - 0.21
Compressive Strength	MPa	231
Normal Working Pressure	MPa	62
Impact Strength	kJ/m <sup>2</sup>	37
Shear Strength	MPa	71
Hardness	Brinell	28
Swell in Water	% @ 20 °C	0.62
Density	g / cm <sup>3</sup>	1.36
Coefficient of Thermal Expansion	10 <sup>-6</sup> /°C normal	22
	10 <sup>-6</sup> /°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. **TENMAT** does not warrant the conformity of its materials to the listed properties or their suitability for any particular purpose.

For further information please contact our Technical Sales Department on +44 161 872 2181.