

## 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	RG2/RG12
<b>Coefficient of Friction</b>	Dry	0.25 - 0.3
<b>Compressive Strength</b>	MPa	250
<b>Normal Working Pressure</b>	MPa	62
<b>Impact Strength</b>	kJ/m <sup>2</sup>	30
<b>Shear Strength</b>	MPa	64
<b>Hardness</b>	Brinell	30
<b>Swell in Water</b>	% @ 20 °C	0.25
<b>Density</b>	g / cm <sup>3</sup>	1.38
<b>Coefficient of Thermal Expansion</b>	10 <sup>-6</sup> /°C normal 10 <sup>-6</sup> /°C parallel	25 15
<b>Maximum Continuous Operating Temperature</b>	°C	200
<b>Maximum Intermittent Operating Temperature</b>	°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 2782 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.