

General Purpose Bearing Material

RAILKO CL47 is a composite material made from woven fibre bonded with resin.

RAILKO CL47 has been developed as a general purpose wearing and bearing material for industrial applications.

RAILKO CL47 is used for specialized bearing pads in arduous applications such as railways and steel mills.



| PROPERTIES | UNITS | CL47 |
|---|----------------------|-----------|
| Ultimate Compressive Strength | MPa | 280 |
| Normal Working Pressure | MPa | 70 |
| Hardness | Brinell | 34 |
| Coefficient of Friction | | 0.2 - 0.5 |
| Water Swell | % | 3 |
| Density | g/cm ³ | 1.35 |
| Coefficient of Thermal Expansion | 10 ⁻⁶ /°C | 25 |
| Maximum Continuous Operating Temperature | °C | 120 |

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.