

## Advanced Bearing Material



**TENMAT FEROFORM T127** has been developed as a superior water lubricated general purpose wearing and bearing material for many marine and industrial applications offering low wear and friction rates due to the inclusion of molybdenum disulphide.

**TENMAT FEROFORM T127** has strength, durability, low friction, and excellent wear characteristics. It is particularly suited for bearings in vertical pumps where it can run dry at start up on the top bearings.

PROPERTY	UNITS	T127
Compressive Strength	MPa	285
Normal Working Pressure	MPa	75
Compressive Yield	% @ 68.9 MPa	2.5
Impact Strength	kJ/m <sup>2</sup>	75
Shear Strength	MPa	75
Hardness	Brinell	23
Swell in Water	% @ 20 °C	0.3
	% @ 80 °C	1
Coefficient of Friction	Dry	0.08-0.16
Density	g / cm <sup>3</sup>	1.32
Coefficient of Thermal Expansion	10 <sup>-6</sup> /°C normal	70
Maximum Continuous Operating Temperature	°C	100
Maximum Intermittent 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, 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.