

Multipurpose Bearing Material

TENMAT FEROFORM T147 has been developed for use in oil lubricated stern tube systems, but with the added advantage of also working with water lubrication in case of seal failure.

It is a general purpose wearing and bearing material used for many marine and industrial applications.

FEROFORM T147 is approved by major classification societies and many Navies for ships bearing applications including stern tube, rudder and deck equipment.

FEROFORM T147 is a heat stabilised version of T14 with an improvement in dimensional stability on initial exposure to temperature.



PROPERTY	UNITS	T14
Coefficient of Friction	Dry	0.13-0.18
Coefficient of Friction	Wet	0.16-0.22
Compressive Strength	MPa @ ambient	310
Normal Working Pressure	MPa	75
Compressive Yield	% @ 68.9 MPa	2.5
Impact Strength	kJ/m ²	55
Shear Strength	MPa	85
Brinell Hardness		25
Swell in Water	% @ 20 °C	2
Density	g / cm ³	1.32
Coefficient of Thermal Expansion	10 ⁻⁶ /°C normal 10 ⁻⁶ /°C parallel	70 30
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 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.