

General Purpose Bearing and Wearing Material

TENMAT FEROFORM T11 is a proprietary composite material made from a unique friction modified phenolic resin matrix, reinforced with inorganic woven fiber.

FEROFORM T11 has strength, durability, dimensional stability, low friction, and excellent wear characteristics.

The material is available as sheets (1220mm x 1220mm) in various thicknesses, rods and tubes (1200mm long) with external diameters ranging from 30mm up to 1175mm.

Fully machined components and parts to customer requirements and other sizes are available upon request.



PROPERTY	UNITS	T11
Coefficient of Friction	Dry	0.09 - 0.12
Compressive Strength	MPa	250
Normal Working Pressure	MPa	62
Compressive Yield	% @ 68.9 MPa	2.4
Impact Strength	kJ/m ²	65
Shear Strength	MPa	70
Hardness	Brinell	25
Swell in Water	% @ 20 °C	0.3
Density	g / cm ³	1.36
Coefficient of Thermal Expansion	10 ⁻⁶ /°C normal 10 ⁻⁶ /°C parallel	50 45
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.