

## FEROFORM T11 Bearing 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 (48"x48") with various thicknesses and tubes (48" long) with diameters ranging from 1" up to 38".

PROPERTIES	UNITS	T11
Compressive Strength	PSI	42,050
Normal Working Strength	PSI	10,875
Compressive Yield	%	2.4
Tensile Strength	PSI	11,600
Shear Strength	PSI	10,875
Impact Strength	KJ/m	65
Density	Lb/ft <sup>3</sup>	82.40
Brinell Hardness	HB	23
Water Swell	% @ 20°C	0.3
	% @ 80°C	1
Friction	μ	0.09 - 0.12
Coefficient of Thermal Expansion	10 <sup>-6</sup> / °C normal	70
	10 <sup>-6</sup> / °C parallel	35
Normal Maximum Temperature	°F	212
Maximum Intermittent Temperature	°F	248

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.