

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.

Properties	Units	
Coefficient of Friction (DRY)	-	0,09 – 0,12
Swell in Water @ 20°C	%	0,3
Ultimate Compressive Strength	MPa	250
Compressive Yield @ 68,9 MPa	%	2,4
Normal Working Pressure	MPa	62
Thermal Expansion	Normal	10 <sup>-6</sup> /°C
	Parallel	10 <sup>-6</sup> /°C
Maximum Operating Temperature	Continuous	°C
	Intermittent	°C
Shear Strength	MPa	70
Impact Strength	kJ/m <sup>2</sup>	65
Hardness	Brinell	25
Density	g/cm <sup>3</sup>	1,36

\*A Tested on BS2782 on 25 x 25 x 25 sample

\*B Tested on 50 x 50 x 5 sample, 400 MPa is limit of test equipment

**Availability:**

Sheet:	Size:	1220 x 1220 mm
	Thickness:	1,6 – 100 mm
Tube:	Length:	1200 mm
	Minimum Inside diameter:	Ø20 mm
	Maximum Outside diameter:	Ø1175 mm (larger outside diameter on request)
Rod:	Length:	1200 mm
	Diameter:	Ø19 – Ø111 mm