

FEROFORM T127 has been developed as a superior non electrolytic 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.

FEROFORM T127 is widely used for pump bearings where it gives excellent service especially in vertical pumps due to its tolerance of dry start conditions.

Properties	Units	
Coefficient of Friction (DRY)	-	0,08 – 0,16 (Dry)
		0,11 – 0,18 (Wet)
Swell in Water @ 20 °C	%	0,35
Swell in Water @ 80 °C	%	1
Ultimate Compressive Strength	MPa	285
Compressive Yield @ 68,9 MPa	%	2,5
Normal Working Pressure	MPa	75
Thermal Expansion	Normal	10 <sup>-6</sup> /°C
	Parallel	10 <sup>-6</sup> /°C
Maximum Operating Temperature	Continuous	°C
	Intermittent	°C
Shear Strength	MPa	75
Impact Strength	kJ/m <sup>2</sup>	75
Hardness	Brinell	23
Density	g/cm <sup>3</sup>	1,32

**Availability:**

Sheet:	Size:	1220 x 1220 mm
	Thickness:	1,6 – 100 mm
Tube:	Length:	1200 mm
	Minimum Inside diameter:	Ø20 mm
	Maximum Outside diameter:	On request
Rod:	Length:	1200 mm
	Diameter:	Ø19 – Ø111 mm