

# Multiglide / T12



FEROFORM T12 has been developed as a superior 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 T12 is approved by major classification societies and many Navies for ships bearings applications including stern tube, rudder and deck equipment.

Properties	Units	
Coefficient of Friction (DRY)	-	0,08 – 0,19
Swell in Water @ 20°C	%	0,2
Ultimate Compressive Strength	MPa	310 *A
	MPa	>400 *B
Compressive Yield @ 68,9 MPa	%	4,4
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	62
Impact Strength	kJ/m <sup>2</sup>	72
Hardness	Brinell	18
Density	g/cm <sup>3</sup>	1,30

\*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:  On request



**Kühne Industrie B.V.**  
Gildenstraat 11B, 3861 RG Nijkerk  
Telefoon +31 (0)85 487 4800  
[www.kuhne-industrie.nl](http://www.kuhne-industrie.nl)

Rod:                      Length:                      1200 mm  
                                 Diameter:                      Ø19 – Ø111 mm