KUHNE INDUSTRIE BV

Multiglide / FEROFORM T14

TENMAT

FEROFORM T14 is a composite material made from woven fibre with resin.

FEROFORM T14 has been developed as a superior bearing material used in many marine and industrial applications. It is used in dry an water lubricated general purpose applications.

FEROFORM T14 has strength, durability, dimensional stability and excellent wear characteristics.

Properties		**Units**	
Coefficient of Friction (DRY)		-	0,08 – 0,15
Swell in Water @ 20°C		%	0,2
Ultimate Compressive Strength		MPa	300 *A
		MPa	>400 *B
Compressive Yield @ 68,9 MPa		%	3,6
Normal Working Pressure		MPa	75
Thermal Expansion	Normal	10˙⁶/°C	50
	Parallel	10˙⁶/°C	30
Maximum Operating Temperature	Continuous	°C	100
	Intermittent	°C	120
Shear Strength		MPa	65
Impact Strength		kJ/m²	109
Hardness		Brinell	15
Density		g/cm³	1,29

*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 diameters on request)
Rod:	Length:	1200 mm
	Diameter:	Ø19 – Ø111 mm

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