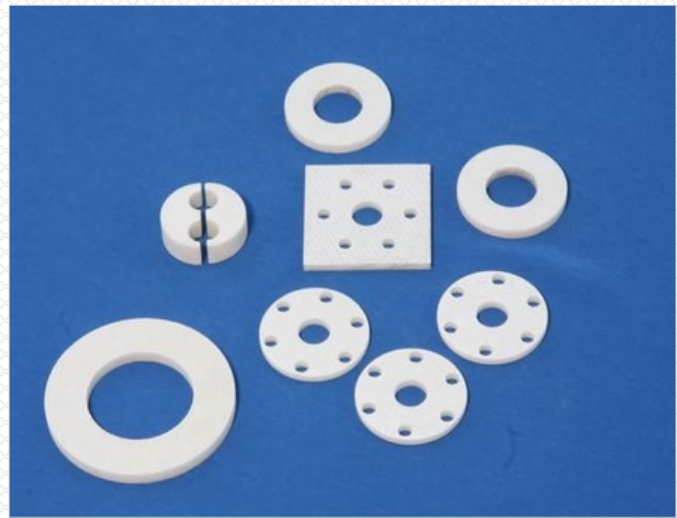


## High Temperature Resistant Composite

**TENMAT** FEROFORM F61 has been developed as the high performance, high temperature insulation material for demanding applications.

FEROFORM F61 has good resistance to temperatures up to 300°C.

The main area of application is in the aerospace industry where reliability and dependability are paramount requirements.



FEROFORM F61 is manufactured to BS EN ISO 9001:2008 approved procedures.

PROPERTIES	UNITS	F61
Maximum Continuous Operating Temperature	°C	300
Maximum Intermittent Operating Temperature	°C	350
Ultimate Compressive Strength	MPa	260
Normal Working Pressure	MPa	75
Compressive Yield @ 68.9MPa	%	2.35
Impact Strength	kN	66
Shear Strength	MPa	81
Hardness	Brinell	28
Bond Strength	kN @ 6.4 thick	3.1
Density	g/cm <sup>3</sup>	1.75
Coefficient of Thermal Conductivity Normal to Laminae	W/m°C @ 20°C	0.2
Coefficient of Thermal Expansion	10 <sup>-6</sup> /°C normal	150
Coefficient of Thermal Expansion	10 <sup>-6</sup> /°C parallel	10

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.