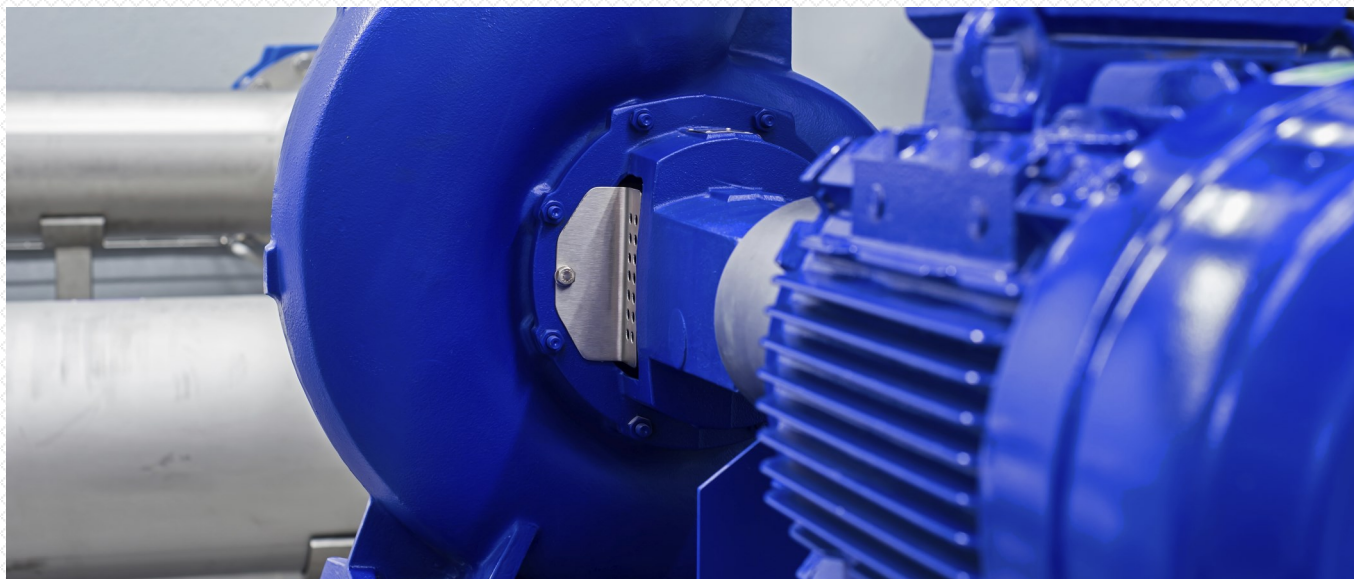


General Bearing Material



Feroform F36 has been developed as a general purpose wearing and bearing material for many industrial applications offering low wear and friction rates. FEROFORM F36 is normally used for dry operation but can also be used in wet applications.

PROPERTY	UNITS	TYPICAL VALUE
Density	g / cm ³	1.55
Ultimate Compressive Strength	MPa	334
Normal Working Pressure	MPa	80
Compressive Yield @ 68.9 MPa	%	1.76
Charpy Impact Strength	kJm	95
Shear Strength	MPa	104
Brinell Hardness		36
%Swell in Water	@20 °C	0.35
	@80 °C	1.06
Coefficient of Friction	Dry	0.43-0.50
Bond Strength	KN at thickness	7.5 @ 1/4"
Coefficient of Thermal Expansion	10 ⁻⁶ /°C	40
Maximum Continuous Operating Temperature	°C	200

The information contained in this data sheet is presented in good faith. They are typical test results tested generally in accordance with BS, ISO 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.