

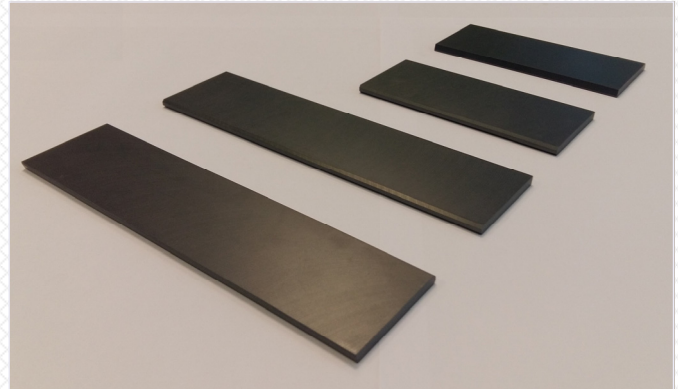
## Dry Running Rotor Vane Material

**TENMAT** FEROFORM F200a has been developed as a high performance dry running rotor blade material.

FEROFORM F200A is preferred due to its high mechanical strength and shock resistance.

The principal areas of use are in single stage vacuum/pressure pumps for the tanker discharge market and general industrial duties.

FEROFORM F200a is available as fully machined rotor blades only.



PROPERTIES	UNITS	F200A
<b>Flexural Strength</b>	MPa	75
<b>Modulus of Elasticity</b>	GPa	20
<b>Hardness</b>	HRB 10 / 150	105
<b>Density</b>	g/cm <sup>3</sup>	1.75
<b>Coefficient of Thermal Expansion</b>	10 <sup>-6</sup> /°C	11
<b>Maximum Continuous Operating Temperature</b>	°C	175
<b>Intermittent Temperature</b>	°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 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.