

## Non-marking Millboard for Metal Spin Casting



**TENMAT FIREFLY FF 900** is a specialist grade millboard material developed to excel in the spin casting of molten metal. The high performance, high temperature insulation material is durable, low density and enjoys minimal shrinkage at 1000°C.

FF 900 is low-smoking, low-furning, and its superior resistance to wetting by molten metal

has seen it enjoy sustained success over several decades.

**TENMAT** non-ceramic refractory millboards are classed as non-hazardous under EU regulations, and thus can be disposed of in non-hazardous landfill—unlike competitor products containing Refractory Ceramic Fibre (RCF).

PROPERTY	UNITS	TYPICAL VALUE
Classification Temperature	°C	1,000
Density	kg / m <sup>3</sup>	1020
Coefficient of Thermal Conductivity	W / mK	0.12
Electrical Resistance	Ω x 10 <sup>9</sup> / cm <sup>2</sup>	3.15
Flexural Strength	MPa @ 20 °C	6.9
Compression	% @ 21 MPa	35
Moisture Content	%	1.06
Loss on Ignition	%	11
Linear Shrinkage in 24hrs	% @ 1000 °C	0.63
Colour		Buff

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.