

Cement Engineering Board

TENMAT L23 has been developed to provide outstanding service in demanding thermal applications where a quality high strength machineable engineering board is required.

TENMAT L23 has a higher resistance to moisture absorption via a surface proprietary silicone treatment.

TENMAT L23 is available in sheets of approx. dimensions 1245 x 940 mm with thickness between 6 and 75 mm.

Alternatively, **TENMAT** L23 machined components are available on request.

TENMAT is proud to supply L23 into the aluminium smelting industry.



| PROPERTY | UNITS | L23 |
|--|-----------------------|-----|
| Density | g / cm ³ | 1.8 |
| Compressive Strength | MPa @ ambient | 85 |
| Compressive Yield | % | 3 |
| Shear Strength | MPa @ ambient | 29 |
| Flexural Strength | MPa @ ambient | 32 |
| Water Absorption | % in 24 hours @ 23 °C | 8 |
| Electric Strength @ 90 °C | KV/mm in air | 2 |
| Surface Breakdown @ 90 °C | KV in air | 16 |
| Thermal Conductivity | W/mK | 0.5 |
| Maximum Continuous Operating Temperature | °C | 230 |
| Maximum Intermittant Operating Temperature | °C | 250 |

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.