

Cement Engineering Board

TENMAT H61 has been developed to provide outstanding service in demanding thermal applications where a quality tough high strength machinable engineering board is required.

H61 remains strong over a wide temperature range, is resistant to thermal shock and possesses good electrical properties.



PROPERTIES	UNITS	H61
Density	g/cm ³	1.83
Compressive Strength	MPa Ambient	66
	24 hrs @ 350°C	56
	24 hrs @ 500°C	48
	24 hrs @ 700°C	44
Flexural Strength	MPa Ambient	20
	24 hrs @ 350°C	15
	24 hrs @ 500°C	15
	24 hrs @ 700°C	14
Impact Strength	Kj/mm Ambient	
	24 hrs @ 350°C	2
	24 hrs @ 500°C	1.5
	24 hrs @ 700°C	
Linear Shrinkage	% 24 hrs @ 350°C	0.36
Water Absorption	% 24 hrs @ 23°C	11
Electric Strength @ 90°C	KV/mm in air	1.9
Surface Breakdown @90°C	KV in air	19
Maximum Continuous Operating Temperature	°C	500
Maximum Intermittent Operating Temperature	°C	600

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.