



INFORMATION BULLETIN

ThermoTap

DESCRIPTION: ThermoTap sand is a tempered, natural olivine material featuring medical-grade uniformity of sizing with a very high refractoriness, high fusion temperature, and low thermal expansion and conductivity.

- Excellent cost/performance ratio.
- Quick and easy supply.
- Chemistry minimizes taphole wear due to corrosion.

USES INCLUDE:

Standard Size	1 - 5 mm	EBT Sand
	2 - 6 mm	EBT Sand
	12 - 40 mesh	EBT Sand / Back Fill
	16 - 60 mesh	EBT Sand / Back Fill
	30 - 60 mesh	EBT Sand / Back Fill

CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate %)

MgO	49.0%
SiO ₂	42.0%***
Fe ₂ O ₃	5.0 - 7.0%
CaO	< 2.0%
Al ₂ O ₃	< 2.0%
L.O.I.	< 1.0%

***Linked with Magnesium Oxide (MgO) in silicate form, less than 1% free silica.

TYPICAL AS RECEIVED PROPERTIES:

Melting Point (°C):	> 1750
Fusion Temperature (°C):	> 1700
Specific Gravity (g/cm ³):	3.3
Hardness (Mohs):	6.7
Packing Density (kgr/l):	1.8
PH Value:	8.4

The values reported above are average values derived from production data encompassing many different sizes and shapes. Actual data will vary to a small degree naturally and as a function of size and shape. This form is not intended to be used for purposes of specification; it is informational only.

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