INFORMATION BULLETIN

Magfill OLI-EBT 30%

DESCRIPTION:

Magfill sand is a high-temperature calcined synthetic forsterite material featuring low density for economy, and with very high refractoriness for outstanding free open rates. This chemistry minimizes taphole wear due to corrosion.

- High fusion temperature
- Low thermal expansion and conductivity
- Excellent cost/performance ratio
- Quick and easy supply
- Low Bulk Density

USES INCLUDE:

Standard Size

-2+10 mesh	EBT taphole fill
-3+10 mesh	EBT taphole fill
10-20 mesh	EBT taphole fill

CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

MgO	38-42 %
SiO_2	39-47 %**
Fe_2O_3	7-10 %
Al_2O_3	0.3-1.3 %
CaO	0.8-1.0 %
Others	1.0-2.0 %

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

TYPICAL AS RECEIVED PROPERTIES:

Color:	Brown
Fusion Temperature °C:	>1700
Hardness (mohs scale):	6 to 6.5
Thermal expansion % in/in:	0.01
Thermal conductivity:	Very low
Bulk Density lbs/ft^3:	82-87
pH:	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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