



Magfill OLI-EBT 30%

DESCRIPTION: High-temperature calcined synthetic forsterite material featuring low density for economy and with very high refractoriness for outstanding free open rates. Chemistry minimizes taphole wear due to corrosion. High fusion temperature, low thermal expansion and conductivity, excellent cost/performance ratio, quick and easy supply, and 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)

(Approximate % by weight)

SiO ₂	39.0 - 47.0%**
MgO	38.0 - 42.0%
Fe ₂ O ₃	7.0 - 10.0%
Others	1.0 - 2.0%
CaO	0.8 - 1.0%
Al ₂ O ₃	0.3 - 1.3%

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

TYPICAL AS RECEIVED PROPERTIES:

Bulk Density (lb/ft ³):	82 - 87
Color:	Brown
Fusion Temperature (°C):	> 1700
Hardness (mohs scale):	6.0 - 6.5
pH:	8.4
Thermal Conductivity:	Very low
Thermal Expansion (% in/in):	0.01

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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