Dead Burned Magnesia (DBM 97%)

CAS Number.: 1309-48-4
Chemical Formula: MgO

Dead burned magnesia is produced by heating magnesite ore at temperatures between 1,800 and 2,000 degrees Celsius in a rotary kiln. In cementing applications, DBM helps to control shrinkage and improve bond strength. DBM also has excellent refractory properties.

APPLICATIONS

Production of refractory materials such as magnesia spinel bricks and magnesia carbon bricks, as well as in oilfield cementing and other cementitious applications.

PRODUCT SPECIFICATIONS

Parameters (units	Specifications
MgO (%)	≥ 96.5
CaO (%)	≥ 2.5
SiO2 (%)	≤ 1.0
Fe_2O_3 (%)	≤0.75
LOI (%)	≤ 0.3
Bulk density (g/cm^3)	1.6
Granulometry passing 200 mesh (%)	≥ 60.0

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This document is subject to revision without notice as new data becomes available.

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PACKAGING

Available in 25kg bags and super sacks.

STORAGE & SHELF LIFE

Product should be stored in a dry place away from direct sunlight in sealed, original packaging.

SAFETY

Please consult the Material Safety Data Sheet for additional information on safety, handling and storage before using this product.