



Changsha RuiYang Material Co., Ltd.
长沙金睿洋新材料有限公司

Technical Data Sheet

Light Burned Magnesium Oxide

Product: Light Burned Magnesium Oxide

Molecular Formula: MgO

Molecular Weight: 40.3 g/mol

Cas No.: 1309-48-4

Density: 3.58 g/cm³ (loose 0.5-0.8)

UN No. Non-hazardous for transport

HS Code: 25199099

CHEMICAL ANALYSIS

Item	Indicators		Analysis Result
	Excellence in goods	First grade	
MgO content	≥85.0%	≥80.0%	87.0%
Loss on ignition	≤8.0%	≤10.0%	6.5%
SiO ₂	≤4.0%	≤6.0%	3.5%
CaO	≤2.0%	≤3.0%	1.5%
Bulk density (g/cm ³)	0.5-0.9	0.4-1.0	0.7
Particle size (200 mesh)	≥80%	≥70%	85%

Chemical Properties

Chemical Properties: Light yellow to off-white powder. Density: 3.58 g/cm³ (loose 0.5-0.8).

Changsha RuiYang Material Co., Ltd.

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