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DATA SHEET

MAGNESIUM CARBONATE LIGHT

Appearance and odour	: Heavy Magnesium Carbonate in powder form, White odourless powder.
Sieve Residue on 300's mesh sieve (53µm)	: 94%
Bulk Density (loose)	: 0.80g/ml
Chemical Analysis (wt %)	MgO : 46.5 CaO : 0.80 SiO ₂ : 0.45 Fe ₂ O ₃ : 0.05 Al ₂ O ₃ : 0.08
Loss on ignition @ 950°C	: 51.2
Specific Gravity	: circa 3.1g/cm ³

Applications

It is used as a high temperature flux in stoneware glazes (up to 10%) to produce a semi matt surface. Larger quantities give an opaque dry appearance but is likely to cause glaze crawl.