

**Datasheet:**

Date of issue: 01-07-08

Revision no. 1

## Raw Magnesite KERMA

Raw magnesite KERMA is produced by mining, sorting and grinding of magnesium carbonate ( $MgCO_3$ ) from natural deposits.

KERMA has a very low iron content resulting in a white colour and a high brightness.

KERMA is developed for application in **ceramics**.

### Chemical Analysis:

	typical	min./max.
$MgCO_3$ (Magnesium Carbonate)		min. 93,6 %
$MgO$ (Magnesium Oxide)	45,5 %	min. 44,8 %
$CaO$ (Calcium Oxide)	0,9 %	max. 1,5 %
$SiO_2$ (Silicon Oxide)	3,0 %	max. 3,5 %
$Fe_2O_3$ (Iron (III) Oxide)	0,05 %	max. 0,10 %
$Al_2O_3$ (Aluminium Oxide)	0,05 %	max. 0,10 %
$H_2O$ (Moisture)	0,10 %	

### Physical Parameters:

Colour: white

Particle size: - 45  $\mu$  (94 % passing)

Density: bulk density (EN 459 - 2) ca. 930 g / l  
 density after tamping (ISO 787 - 11) ca. 1,40 g / ml

Please note:

- All information is based on data available at the date of issue. This datasheet is an uncontrolled copy which will not be updated automatically.
- The chemical and physical data refer to analyses of incoming raw material. Other specifications for minimum and maximum values can be given on request. Please contact our sales department.
- No guarantee is implied or expressed regarding the use of the product, since the conditions for use are beyond our control.