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Product Data Sheet

Caustic calcined magnesite grade GWM93

- is a fine ground powder of caustic calcined magnesite (magnesium oxide)
- is produced by mining and calcination of natural raw magnesite

Chemical Analysis:

		typical			min./max.	
MgO	magnesium oxide	91,0	%	min.	90,0	%
MgO	on ignited basis	93,0	%			
CaO	calcium oxide	2,0	%	max.	3,0	%
SiO ₂	silicon oxide	2,0	%	max.	3,0	%
Fe ₂ O ₃	iron oxide	0,6	%	max.	0,8	%
Al ₂ O ₃	aluminium oxide	0,30	%			
SO ₃	sulfur oxide	0,20	%			
L.O.I.	loss on ignition	4,0	%	max.	6,0	%

Physical Parameters:

Colour: beige to light brown

Particle size: minimum 95 % < 125 micron (120 mesh)

Density: bulk density (EN 459 - 2) ca 850 g/l

Storage: the product must be stored in a clean, dry storage area and protected from moisture with PE-foil.

MgO rapidly attracts moisture from air and forms lumps.

Always re-seal full, partly used pallets and single bags with PE-foil.

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.