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Product Data Sheet

Caustic calcined magnesite grade GWM90

- is a 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	91,5	%	min.	89,0 %
MgO	on ignited basis	93,5	%		
CaO	calcium oxide	2,5	%	max.	3,5 %
SiO ₂	silicon oxide	1,5	%	max.	2,5 %
Fe ₂ O ₃	iron oxide	1,7	%	max.	2,2 %
Al ₂ O ₃	aluminium oxide	0,4	%		
SO ₃	sulfur oxide	0,2	%		
L.O.I.	loss on ignition	2,5	%	max.	5,0 %

Physical Parameters:

Colour: light brown

Particle size: minimum 95 % < 75 micron

Density: bulk density (EN 459 - 2) ca 950 g/l

Packing: in bulk
1.000 kg big-bags
25 kg bags on pallet (1000 kg total)

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.