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Polska (*POLAND*)

NIP (*EU VAT No.*): PL5731127315

REGON: 241992561

Product Data Sheet

ANKERMAG® B21

Magnesium oxide (MgO) with very low content of heavy metals

Description:

ANKERMAG B21 – magnesium oxide – is a fine, white powder which consists of agglomerates of primary particles with a diameter between 0,5 and 1 µm. It is *non-flammable* and *non-toxic*. Due to its reactivity, ANKERMAG B21 absorbs water vapour and carbon dioxide from the atmosphere. Therefore it should be stored in airtight silos or in its original packaging.

Application:

- in the chemical industry as a general neutralisation agent
- as raw material for pharmaceutical products
- in the manufacture of very pure magnesium hydroxide
- in the manufacture of very pure magnesium-salts
- other applications

Packaging:

big bags	bags (0,9 x 0,9 x 1,8 m) with bottom discharge, approx. 1.000 kg per pallet, shrink-wrapped.
25 kg bags	in polyethylene bags, 25 kg net, 40 bags = 1.000 kg net per pallet, shrink-wrapped.

Chemical and physical properties:

chemical analysis	unit	typical	specification
LOI (loss on ignition 950 °C)	%	1,6	< 2,0
MgO (as produced)	%	97,5	> 96,5
SiO ₂	ppm	60	< 200
CaO	%	0,45	< 0,60
Al ₂ O ₃	ppm	20	< 50
Fe ₂ O ₃	ppm	30	< 100
Cr ₂ O ₃	ppm	10	< 30
MnO	ppm	10	< 30
NiO	ppm	50	< 100
Na ₂ O	ppm	300	< 600
K ₂ O	ppm	30	< 100
B ₂ O ₃	ppm	< 1	
SO ₄	%	0,03	< 0,10
Cl ⁻	%	1,2	< 1,50



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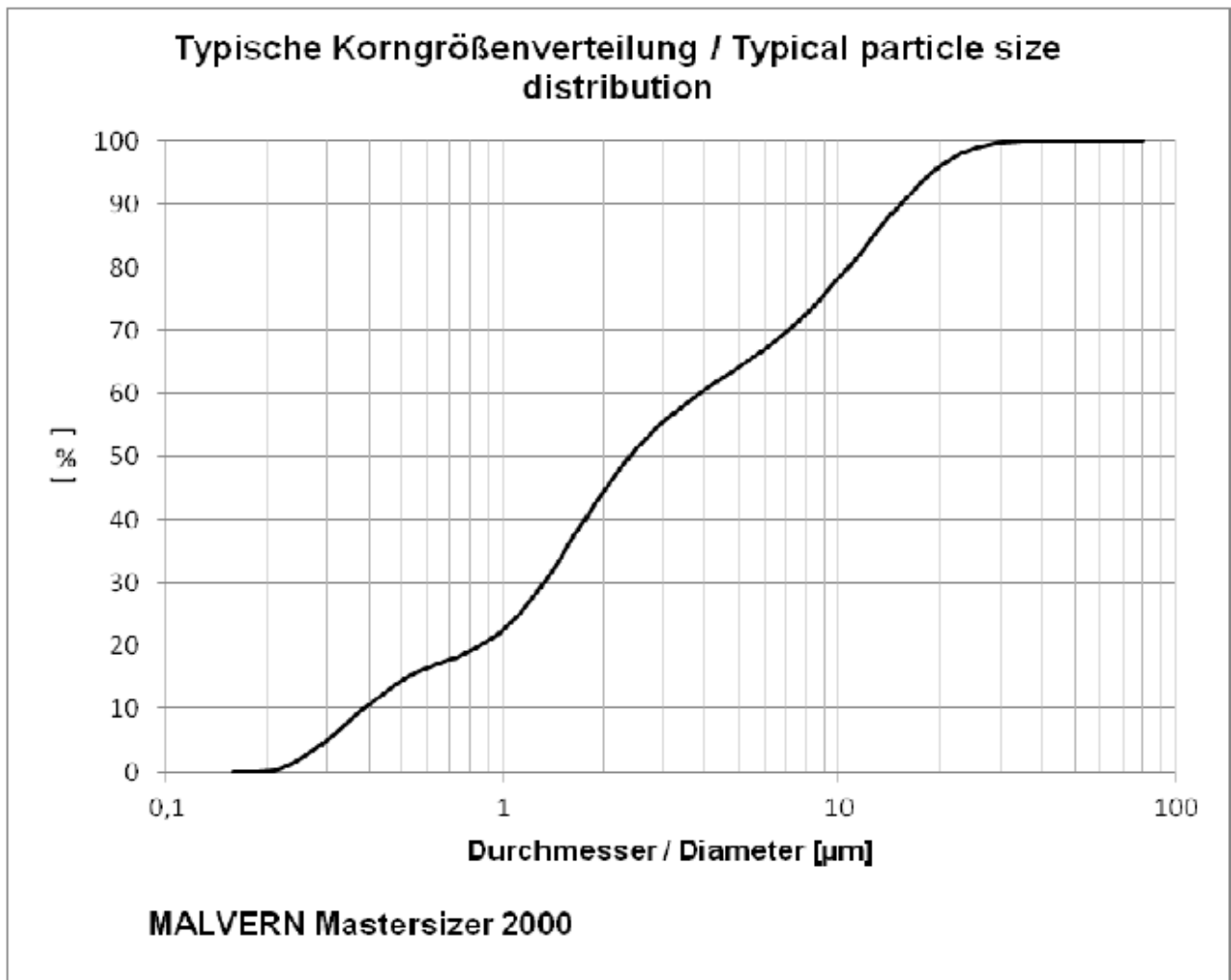
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other characteristics:

specific surface area	m ² /g	4 - 5
citric acid activity	sec	550
bulk density	kg/m ³	400 – 500
sieve residue (wet) 0,063 mm	%	1



All information is given on the basis of measured figures which have been determined during long production periods and according to normal analytical practice or to own standards of the producer (our supplier), respectively. However, further developments and adaptations of products according to the requirements of customers may result in changes of the above figures.