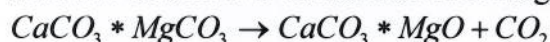


**Technical
Datasheet**
Aqua-semidol
according to EN 1017, Type A

**QMS-No.
GBT22111**
General

Aqua-semidol is a high-quality product that is produced from pure dolomite. By a specific thermal decomposition reaction part of the CO₂, which in dolomite is contained in the magnesium constituent, is released.


Applications

Aqua-semidol is commonly used for filtration and processing drinking water. It de-acidises water by binding carbondioxide and adding calcium and magnesium to the water. Moreover, it is used as a carrier of reagents in desulphurisation of waste gases.

**Chemical
analysis**

			Average figures	EN 1017, Type A
MgO	mass-%		23 - 28	> 23
CaCO ₃	mass-%		72 - 77	> 68
CaO free	mass-%		< 1	< 2
SiO ₂	mass-%		0.01	< 2
Al ₂ O ₃	mass-%		0.02	< 2
Fe ₂ O ₃	mass-%		0.05	< 2
SO ₄ ⁺	mass-%		0.03	< 1

Trace elements

Arsenic	As	mg/kg	< 1	< 3
Cadmium	Cd	mg/kg	< 0.1	< 2
Chromium	Cr	mg/kg	1.8	< 10
Mercury	Hg	mg/kg	< 0.1	< 0.5
Nickel	Ni	mg/kg	< 0.5	< 10
Lead	Pb	mg/kg	2.7	< 15
Antimony	Sb	mg/kg	< 2	< 3
Selenium	Se	mg/kg	< 5	< 5

**Physical
characteristics**

<i>Aqua-semidol</i>	Type	K 0	K 1	K 2
Sizes	mm	0.5-1.25	0.5-2.5	2.5-5.0
d ₅₀ -value	mm	0.70	1.75	3.08
Density	g/cm ³	3.33	3.33	3.33
Bulk density	kg/m ³	1100	1130	1140

Colour white

Shape homogenous, porous, with rough surface free of fissures

Packaging

- 25 kg plastic bags, palletised covered by plastic foil, 1 mt per pallet.
- Bulk-carriers.