## Data sheet no. 9001 .09

Revised on 22.10.2020

## Quality-Managementsystem

**Material Data Sheet** 



## Semidol® K 0

Half calcined Dolomite 0.5 - 1.2 mm

## **Features**

Half calcinated dolomite is produced by calcinating pure dolomite at a temperature of about 850 °C. Compared with dolomite a partial decomposition to CaCO3 \* MgO and carbondioxide took place.

Semidol is available in different grain sizes.

Semidol is commonly used for filtration and processing drinking water. Semidol de-adicaces drinkingwater and hardens it up. Moreover, it is used as a carrier of reagents in desulphurisation of waste gases. Semidol meets the specifications of EN 1017, Typ A (former DIN 19621).

**Delivery** by bulk-tank lorry or in "Big Bags" or in sacks

Chemical analysis									
Compound	CaO	MgO	SiO2	Al2O3	Fe2O3	TiO2	K2O	Na2O	Loss on ignition
%	39,2	27,5	0,02	0,03	0,02	< 0,01	< 0,01	< 0,01	33,2
Mineralogica	l analysi	S							
CaCO3			69,9 N	1A%					
free CaO		<	1,0 N	1A%					
MgCO3			4,7 N	1A%					
free MgO			25,2 N	1A%					
Balance			0,1 N	/A%					
Physical Data	<u> </u>								
Density			3,33 g	ı/ml	DIN ISO 787	7, Part 10			
Bulk density			1,10 g	ı/ml					
pH value			11	I	DIN ISO 787	7, Part 9			
Solubility in wa	ater		0,38 %	6					
Grain size distribution		n DIN	18123						
Mean grain si		0,7 n	nm (	(D50-value)					

If there is no data sheet with the grain size, you can demand the typical grain size distribution

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from Dolomitwerk Oberjettenberg.

All data are subject to production and deposit tolerances. They just describe the product but are not guaranted characteristics. It is the user's responsibility to check the product for its suitability for the intended application. We will be glad to provide information about tolerance ranges and experiences with applications, if requested. Sales are subject to our general terms and conditions of sale and delivery.