

Revised on 16.06.2017	Quality- Managementsystem Material Data Sheet	CERADEL
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Dolomite 63 µm

Dolomite powder 0 - 63 µm with 2 - 5 % residue

Features

Dolomite powders are produced by dry, ironfree grinding of crushed dolomite, followed by air classification. Dolomite powders are available in different grain sizes. The products are characterized by a high content of dolomite and a very low content of Fe₂O₃. Dolomite is commonly used for the production of glass and ceramics. It can also be used in the chemical and pharmaceutical industry and as a supplement for animal feed. Moreover, it is used as an aggregate for concrete and bitumen.

Delivery by bulk-tank lorry or in „Big Bags“ or in sacks

Chemical analysis - average values											Analysis according to DIN 51001 with 3FA
Compound	CaO	MgO	SiO2	Al2O3	Fe2O3	TiO2	K2O	Na2O	P2O5	Loss on ignition	
%	30,7	21,7	0,02	0,02	0,008	0,00	0,01	0,04	0,01	47,7	
Mineralogical analysis											
Dolomite			99,1	MA.-%							
Calcium carbonate			0,9	MA.-%							
Balance			0,3	MA.-%							
Physical Data											
Density			2,85	g/ml	DIN ISO 787, Part 10						
Bulk density			0,91	g/ml							
pH value			10	DIN ISO 787, Part 9							
Water content			<	0,2	%						
Tamped volume			65	ml/100g	DIN ISO 787, Part 11						
Oil absorption value			11	ml/100g	DIN ISO 787, Part 5						
Spec. surface (BET)			1,71	m²/g	DIN 66132						
Whiteness R 457			82,2	(Elrephro)							
Brightness L* CIE-Lab			94,5	%							
Grain size distribution			mit CILAS 920 L and Alpine Luftstrahlsieb								
Mean grain size			13	µm	(D50-value)						
If there is no data sheet with the grain size, you can demand the typical grain size distribution 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 deliver

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