

DUCALCIT 1

Chemical analysis	Values
CaCO ₃	min. 98 %
MgCO ₃	max. 2 %
Fe ₂ O ₃	max. 0.08 %
Al ₂ O ₃	max. 0.09 %
SiO ₂	max. 0.2 %
Loss of ignition	max. 44.0 %
HCl insoluble content	max. 0.3 %

Physical characteristics	Method	Values
Density	DM-15	2.72 g/cm ³
Hardness	By Mohs	3
Luminosity	CIE L	96-98 %
Whiteness	Elrepho (R457)	90-93 %
Yellowness	Elrepho (E313)	< 2%
pH value	ISO 787/9	9
Moisture	ISO 787/2	<0.50 %
Specific surface		3.4-3.6 m ² /cm ³
Oil absorption	ISO 787/5	24 g/100g
Compressed density	ISO 787/11	0.8-0.86 g/cm ³

Brief description

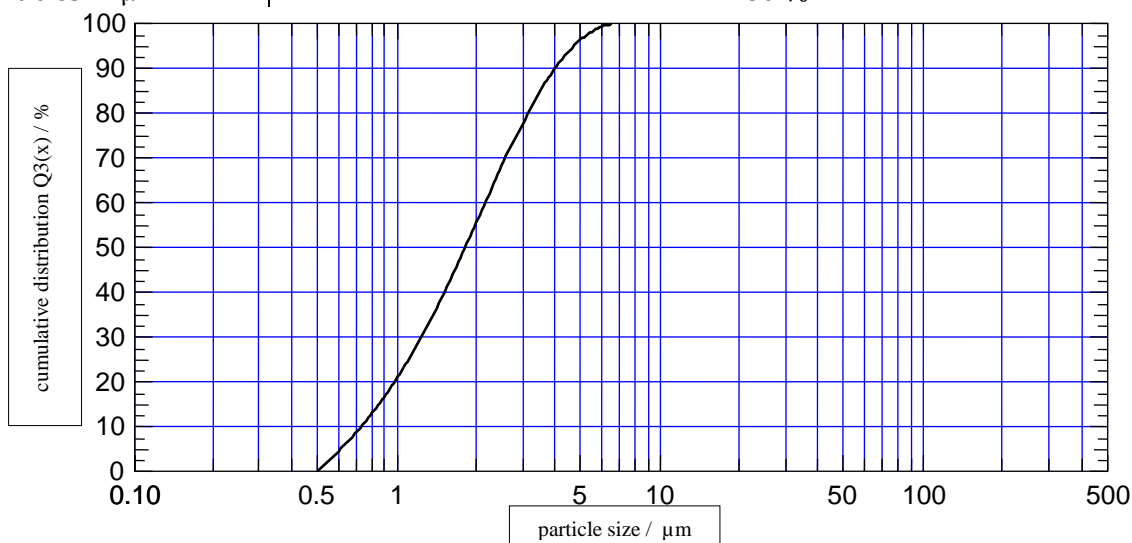
Ducalcit 1 is a fine powder made of natural calcium carbonate which is well known for its high chemical purity.

Usage

Due to the extremely fine particles and high percentage of whiteness it is used in the production of paints, varnishes, paper, rubber and the agricultural industry.

Particle size distribution by SympaTech

d _{50%}	1.8-2.2 μm
d _{98%}	5.7-7.5 μm
Particles <2μm	60 %



Packages: valve bags (sacks), big bag.