

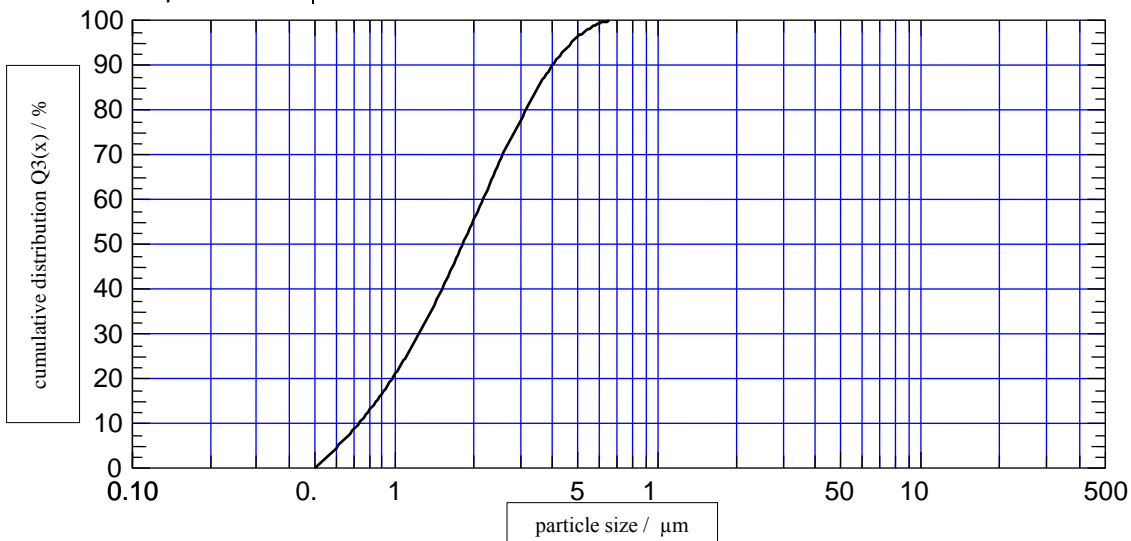


# DUKAT DUCALCIT 1 SC

Chemical analysis	Values
CaCO <sub>3</sub>	min. 98 %
MgCO <sub>3</sub>	max. 2 %
Fe <sub>2</sub> O <sub>3</sub>	max. 0.08 %
Al <sub>2</sub> O <sub>3</sub>	max. 0.09 %
SiO <sub>2</sub>	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 <sup>3</sup>
Hardness	by Mohs	3
Luminosity	CIE L	98 %
Whiteness	Elrepho (R457)	94 %
Yellowness	Elrepho (E313)	< 2 %
pH value	ISO 787/9	9
Moisture	ISO 787/2	0.20 %
Specific surface		3.4 m <sup>2</sup> /cm <sup>3</sup>
Oil absorption	ISO 787/5	21 g/100g
Compressed density	ISO 787/11	0.8 g/cm <sup>3</sup>

Particle size distribution by SympaTech	
d <sub>50%</sub>	1.8-2.2 μm
d <sub>98%</sub>	5.7-7.5 μm
Particles <2μm	60 %



## Brief description

Ducalcit 1 SC is a fine powder made of natural calcium carbonate surface-treated. Coating the particles of calcium carbonate he receives a hydrophobic characteristics, can prevent the binding of the moisture, and it can improve process characteristics.

## Usage

Due to its characteristics, it is used as a filler in the production of various resin and plastic materials, PVC profiles, cables and gaskets.

**Packages:** valve bags (sacks), big bag, bulk.

**Note:** measured on the raw material.