

DUCALCIT 1SC

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	21 g/100g
Compressed density	ISO 787/11	0.8-0.86 g/cm ³

Brief description

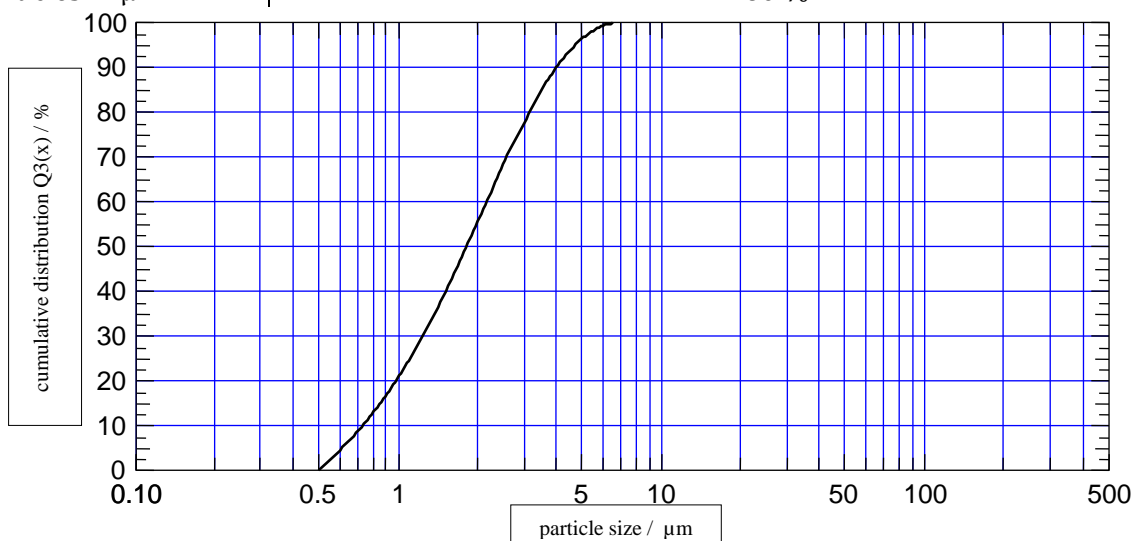
Ducalcit 1 SC is a fine powder made of natural calcium carbonate surface-treated. Coating the particles of calcium carbonate he receives a hydrophobic characteristics, can prevent the binding of the moisture, and it can improve process characteristics.

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.

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, bulk

Note: measured on the raw material.