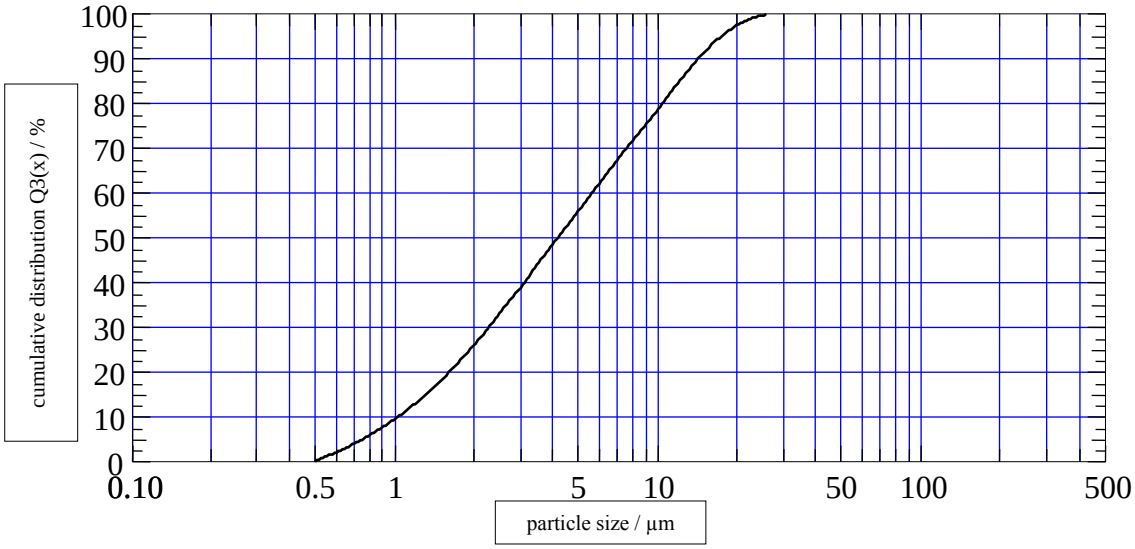
# DUCALCIT 5 SC

| Chemical analysis | | Values |
|---|---|---|
| $CaCO_3$ | min. | 98 % |
| $MgCO_3$ | max. | 2 % |
| $Fe_2O_3$ | max . | 0.08 % |
| $Al_2O_3$ | 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/cm³ |
| Hardness | by Mohs | 3 |
| Luminosity | CIE L | 97.5 % |
| Whiteness | Elrepho (R457) | 93 % |
| Yellowness | Elrepho (E313) | < 2% |
| pH value | ISO 787/9 | 9 |
| Moisture | ISO 787/2 | 0.20 % |
| Specific surface | | 2.1 m²/cm³ |
| Oil absorption | ISO 787/5 | 17 g/100g |
| Compressed density | ISO 787/11 | 1.1 g/cm³ |

**Particle size distribution** by SympaTech

| | |
|---|---|
| $d_{50\%}$ | 3.8-4.4 µm |
| $d_{98\%}$ | 17-22 µm |




## Brief description

Ducalcit 5 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, pipes and gaskets.

**Packages:** valve bags (sacks), big bag, bulk.
**Note:** measured on the raw material.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