

Technical data sheet

Talc CHD6

Mineralogy – XRD

Sheet-silicates

Talc 98 %
Chlorite

Other minerals

Calcite 2 %
Dolomite

Chromatic coordinates

L* (CIE)

M.I. 93002 92.0

a* (CIE)

M.I. 93002 -0.80

b* (CIE)

M.I. 93002 2.40

Y

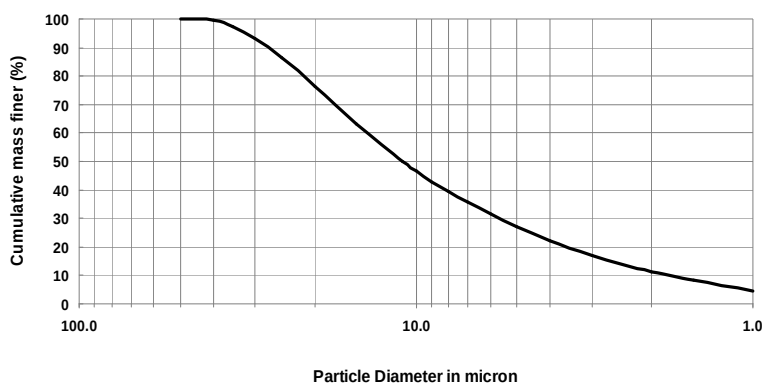
M.I. 93002 81.0

Particle Size Distribution

Sedimentation analysis - Sedigraph 5120

Median diameter D_{50} 11.0 μm

Top cut D_{98} 35.0 μm



Physical Properties

Density

DIN 53193 2.8 g/cm^3

Bulk density

M.I. 93003 0.50 g/cm^3

Tapped density

M.I. 93003 0.85 g/cm^3

Specific Surface (B.E.T.)

DIN 66131/2 4 m^2/g

Hardness

Mohs scale 1

Oil absorption

M.I. 93008 29 $\text{g}/100 \text{ g}$

Moisture content at 105 °C

M.I. 93005 0.3 %

Chemical analyses - A.A.S.

SiO_2

54.0 %

MgO

30.0 %

CaO

1.0 %

Fe_2O_3

2.0 %

Al_2O_3

5.0 %

Loss on Ignition at 1050°C

M.I. 93009 8.0 %

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