



## Technical data sheet

# Talc 3351 Dense

### In compliance with CTFA

#### Mineralogy – XRD

Sheet-silicates Talc 98 %

#### Purity:

Water soluble substances <0.1 %

Acid soluble substances <2.0 %

#### Chromatic coordinates

L\* (CIE) M.I. 93002 95.5

a\* (CIE) M.I. 93002 -0.3

b\* (CIE) M.I. 93002 0.7

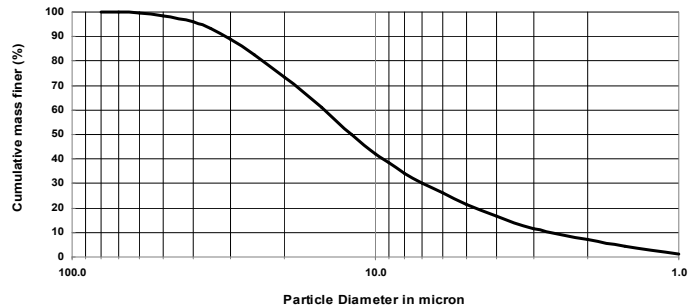
Y M.I. 93002 89.0

#### Particle Size Distribution

Sedimentation analysis - Sedigraph 5120

Median diameter D<sub>50</sub> 12.0 μm

Thru 200 mesh (74 μm) sieve 95 %



#### Physical Properties

Density DIN 53193 2.8 g/cm<sup>3</sup>

Loose bulk density M.I. 98028 35 lb/ft<sup>3</sup>

Tapped bulk density M.I. 93003 78 lb/ft<sup>3</sup>

Hardness Mohs scale 1

Specific Surface (B.E.T.) DIN 66131/2 2.5 m<sup>2</sup>/g

Moisture content at 105 °C M.I. 93005 0.2 %

#### Chemical analyses - A.A.S.

SiO<sub>2</sub> 61.5 %

MgO 31.0 %

CaO 0.4 %

Fe<sub>2</sub>O<sub>3</sub> 0.6 %

Al<sub>2</sub>O<sub>3</sub> 0.5 %

Loss on Ignition at 1075°C M.I. 93009 6.0 %

#### Microbiological analysis

Total aerobic plate count including yeast and mold <100 per gram. Gram negative plate count not detected.

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