



Talc LoMicron5

Technical data sheet

In compliance with USP – EP

Mineralogy – XRD

Sheet-silicates Talc 98 %

Purity:

Water soluble substances <0.1 %

Acid soluble substances <2.0 %

Chromatic coordinates

L* (CIE) M.I. 93002 96.5

a* (CIE) M.I. 93002 -0.1

b* (CIE) M.I. 93002 0.5

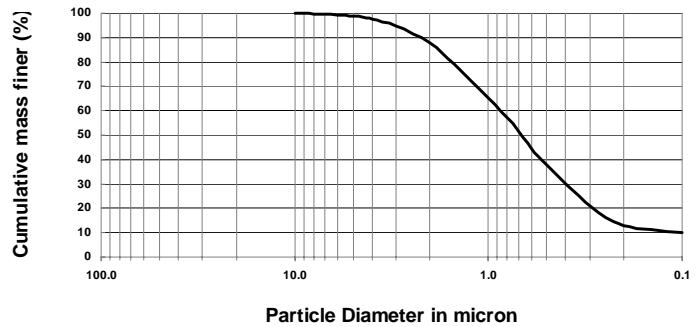
Y M.I. 93002 91.0

Particle Size Distribution

Sedimentation analysis - Sedigraph 5120

Median diameter D₅₀ 0.65 μm

Top cut D₉₈ 4.5 μm



Physical Properties

Density DIN 53193 2.8 g/cm³

Loose bulk density M.I. 98028 7 lb/ft³

Tapped bulk density M.I. 98028 20 lb/ft³

Hardness Mohs scale 1

Specific Surface (B.E.T.) DIN 66131/2 13.5 m²/g

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

Chemical analyses - A.A.S.

SiO₂ 61.5 %

MgO 31.0 %

CaO 0.4 %

Fe₂O₃ 0.6 %

Al₂O₃ 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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