



Talc 1656

Technical data sheet

In compliance with USP – EP - JP

Mineralogy – XRD

Sheet-silicates Talc 98 %

Purity:

Water soluble substances <0.1 %
Acid soluble substances <2.0 %

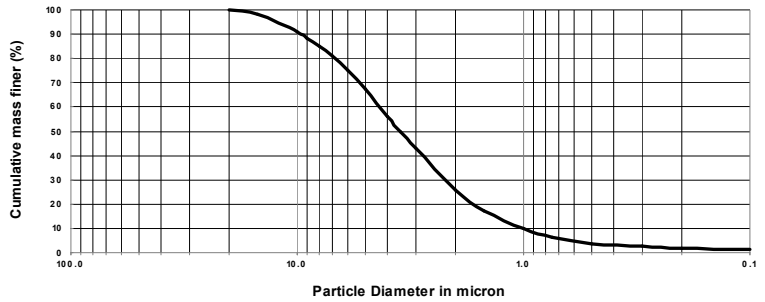
Chromatic coordinates

L* (CIE) M.I. 93002 96.0
a* (CIE) M.I. 93002 -0.2
b* (CIE) M.I. 93002 0.6
Y M.I. 93002 90.0

Particle Size Distribution

Sedimentation analysis - Sedigraph 5120

Median diameter D₅₀ 3.5 μm
Thru 325 mesh (44 μm) sieve 99.9 %



Physical Properties

Density DIN 53193 2.8 g/cm³
Loose bulk density M.I. 98028 16 lb/ft³
Tapped bulk density M.I. 93003 42 lb/ft³
Hardness Mohs scale 1
Specific Surface (B.E.T.) DIN 66131/2 6 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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