



Talc 3355

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 %

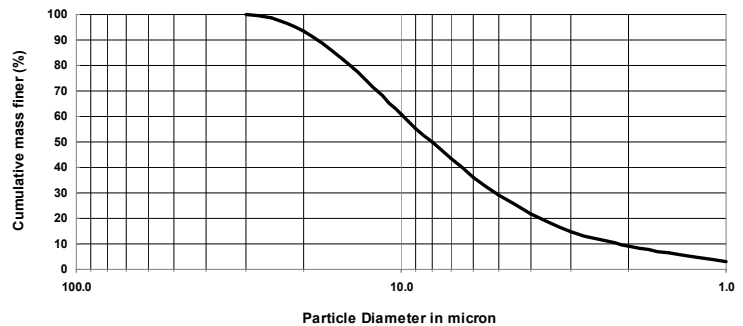
Chromatic coordinates

L* (CIE) M.I. 93002 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 D₅₀ 8.0 μm
Thru 200 mesh (74 μm) sieve 99 %



Physical Properties

Density DIN 53193 2.8 g/cm³
Loose bulk density M.I. 98028 28 lb/ft³
Tapped bulk density M.I. 93003 65 lb/ft³
Hardness Mohs scale 1
Specific Surface (B.E.T.) DIN 66131/2 3.0 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.

The statements in this bulletin are based on data which is believed to be reliable. This data is offered in good faith and typical of normal production. IMI Fabi USA, LLC makes no warranty or representation, expressed or implied, regarding the accuracy of this data or the use of this product. The user is solely responsible for the use of this product. IMI Fabi USA, LLC disclaims any liability base on any claim of patent infringement.

February 2009