



# Talc 1626

## Technical data sheet

### In compliance with CTFA

#### Mineralogy – XRD

Sheet-silicates Talc 98 %

#### Purity:

Water soluble substances <0.1 %

Acid soluble substances <2.0 %

#### Chromatic coordinates

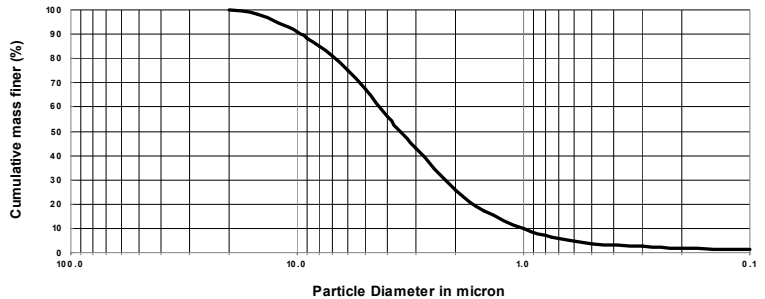
L* (CIE)	M.I. 93002	96.0
a* (CIE)	M.I. 93002	-0.2
b* (CIE)	M.I. 93002	0.6
Y	M.I. 93002	90.0

#### Particle Size Distribution

Sedimentation analysis - Sedigraph 5120

Median diameter D<sub>50</sub> 3.5 μm

Thru 325 mesh (44 μm) sieve 99.9 %



#### Physical Properties

Density	DIN 53193	2.8 g/cm <sup>3</sup>
Loose bulk density	M.I. 98028	16 lb/ft <sup>3</sup>
Tapped bulk density	M.I. 93003	42 lb/ft <sup>3</sup>
Hardness	Mohs scale	1
Specific Surface (B.E.T.)	DIN 66131/2	6 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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