IMI Fabi Sales Office Phone#.001 304 233 0050 Fax 001 304 232 0793 mail: info@imifabi.com

Technical data sheet

Talc 1626

In compliance with CTFA

Mineralogy – XRD

Sheet-silicates	Talc	98 %

Purity:

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

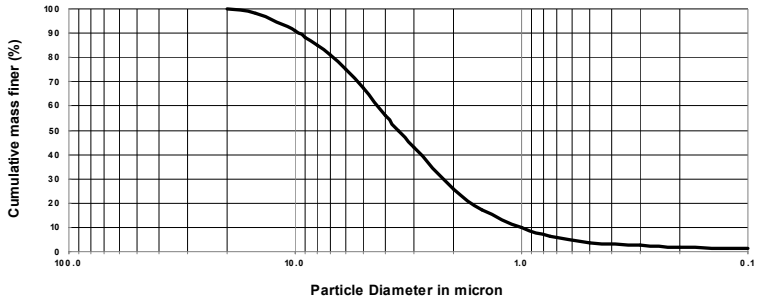
Chromatic coordinates

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_{50}	3.5 μm
Thru 325 mesh (44 μm) sieve		99.9 %



Physical Properties

Density	DIN 53193	2.8 g/cm^3
Loose bulk density	M.I. 98028	16 lb/ft^3
Tapped bulk density	M.I. 93003	42 lb/ft^3
Hardness	Mohs scale	1
Specific Surface (B.E.T.)	DIN 66131/2	6 m^2/g
Moisture content at 105 °C	M.I. 93005	0.2 %

Chemical analyses - A.A.S.

SiO_2		61.5 %
MgO		31.0 %
CaO		0.4 %
Fe_2O_3		0.6 %
Al_2O_3		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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