Technical data sheet

In compliance with USP – EP – JP

Mineralogy – XRD
Sheet-silicates
Talc 98 %

Acidity / Alkalinity
Hydrochloric Acid <0.4 ml
Sodium Hydroxide <0.3 ml

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 $D_{50}$ 12.0 µm
Thru 200 mesh (74 µm) sieve 95 %

Physical Properties
Density DIN 53193 2.8 g/cm³
Loose bulk density M.I. 98028 35 lb/ft³
Tapped bulk density M.I. 93003 78 lb/ft³
Hardness Mohs scale 1
Specific Surface (B.E.T.) DIN 66131/2 2.5 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.

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.

April 2013