

## TALC B

### DESCRIPTION

Talc B is a soft, lamellar inert mineral, which occurs typically as magnesium silicate. The Talc B grades exhibit good purity and chemical stability.

### USES

These properties typically render the Talc B grades an ideal carrier and functional extender in cosmetics and pharmaceuticals. Further applications include high performance paints and coatings, thermoplastic polymers, waxes, and slip agents.

### TYPICAL CHEMICAL ANALYSIS

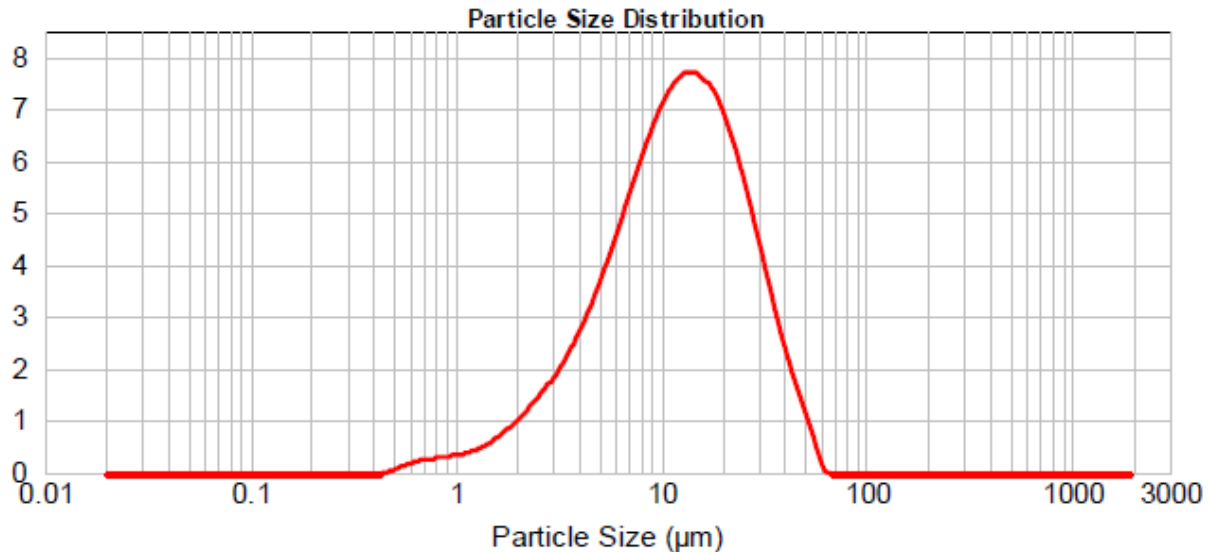
MgO	32.1%
SiO <sub>2</sub>	61.7%
Fe <sub>2</sub> O <sub>3</sub>	0.52%
CaO	0.4%
<b>Asbestos</b>	<b>Not Detected</b>
Loss on ignition	5.1%

### TYPICAL PHYSICAL ANALYSIS

Particle Sizing	< 2% retained at 25µm
Oil Absorption	35% (Linseed Oil)
Specific Gravity	2.6 (Helium Displacement)
Hardness	1 (Mohs)
Appearance	Off-white powder
Reflectance	>65 (Opacity Reflectometer)
Refractive Index	1.58
Melting Point	Stable up to ca. 900°C
Stability	Indefinite shelf life. Resistant to mild acids, alkalis and organic solvents
Bulk Density	Loose: 270g/l Tapped: 330g/l
Packaging	25kg polypropylene bags, Packed into 1 ton bulk bag



**PARTICLE SIZE ANALYSIS (Laser Diffraction)**

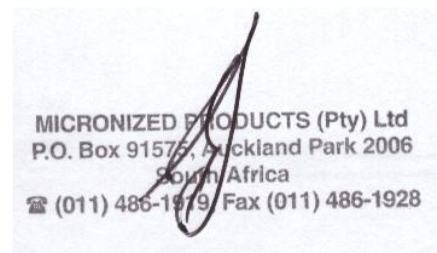


**Name:** Gunther Tiepelt

**Date:** September 2010

**Department:** Technical

**Signature:**



**DISCLAIMER**

All information herein contained is typical, accurate and factual to the best of our knowledge and we uphold stringent quality control procedures on all of our products. However, no warranty is suggested or implied in respect of any recommendations, advice or suggestions made by our representatives, or any other person or persons associated to us, as the conditions, production, process and methods of use of our products may vary between same from time.