

SNOWTALC

DESCRIPTION

Snowtalc is a soft, lamellar inert mineral, which occurs typically as magnesium silicate. The Snowtalc grades exhibit excellent purity, whiteness, and chemical stability.

USES

Snowtalc is an ideal carrier and functional extender in cosmetics and pharmaceuticals. Further applications include high performance paints and coatings - as white pigment and calcined clay substitute and extender, thermoplastic polymers, waxes, and slip agents.

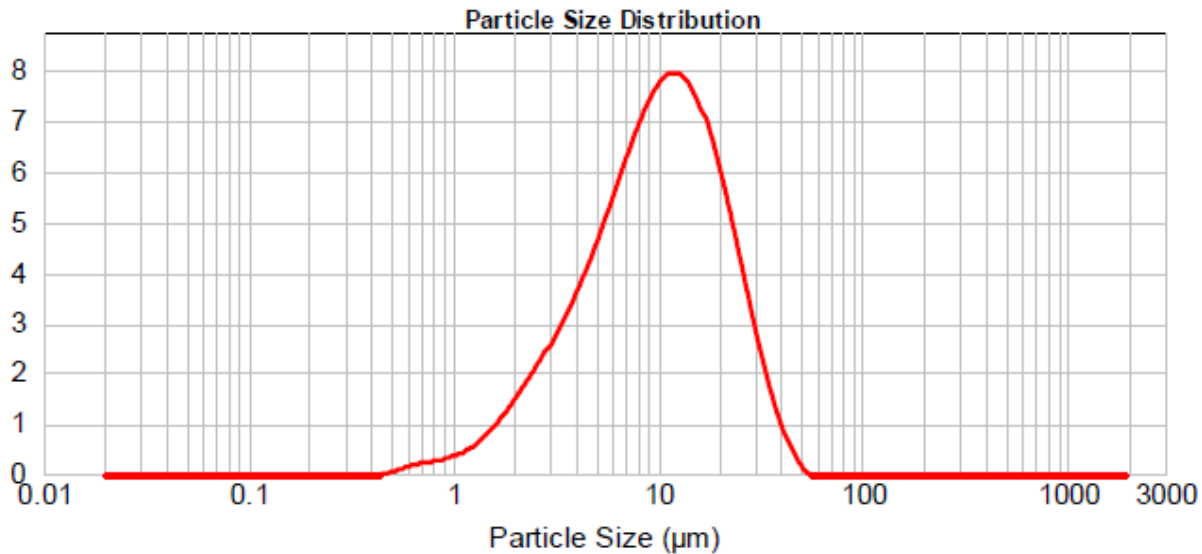
TYPICAL CHEMICAL ANALYSIS

MgO	32.4%
SiO ₂	61.0%
Fe ₂ O ₃	0.6%
CaO	0.3%
Asbestos	Not Detected
Loss on ignition	4.89%

TYPICAL PHYSICAL ANALYSIS

Particle Sizing	< 10% retained at 25µm 0% retained at 53 µm
Oil Absorption	37% (Linseed Oil)
Specific Gravity	2.6 (Helium Displacement)
Hardness	1 (Mohs)
Appearance	White powder
Reflectance	> 90 (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: 310g/l Tapped: 450g/l
Packaging	25kg polypropylene bags, Packed into 1 ton bulk bag

PARTICLE SIZE ANALYSIS (Laser Diffraction)

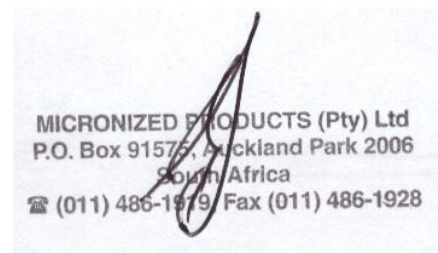


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Date: September 2010

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Signature:



DISCLAIMER

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