

SNOWTALC ULTRA

DESCRIPTION

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

USES

Snowtalc Ultra 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.

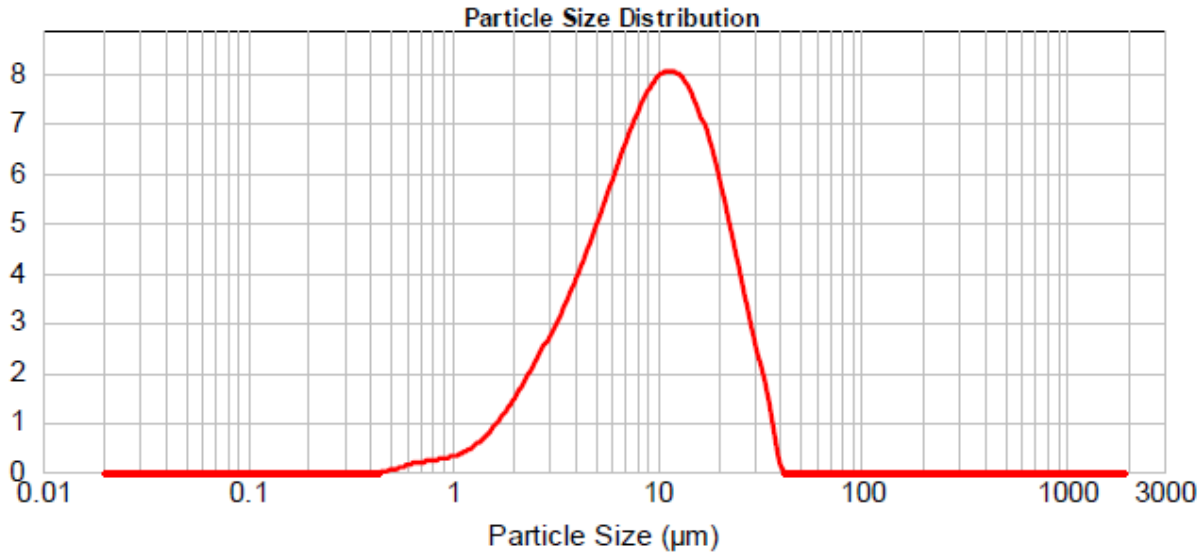
TYPICAL CHEMICAL ANALYSIS

| | |
|--------------------------------|---------------------|
| 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 | < 1% retained at 25µm 0% retained at 45 µm |
| Oil Absorption | 39% (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 ^o 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)



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Signature:

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