

TALC MBP

DESCRIPTION

Talc MBP is a soft, lamellar inert mineral, which occurs typically as magnesium silicate. Talc MBP exhibits exceptional purity, whiteness, and chemical stability. In a specialised milling process the product ends up with a relatively high bulk density and minimal ultra-fine particle content.

USES

These properties typically render the Talc MBP grades an ideal carrier and functional extender in cosmetics and pharmaceuticals. The bulk density of Talc MBP renders it ideal for powder dispensing applications, as a dispersion diluent and slip aid.

TYPICAL CHEMICAL ANALYSIS

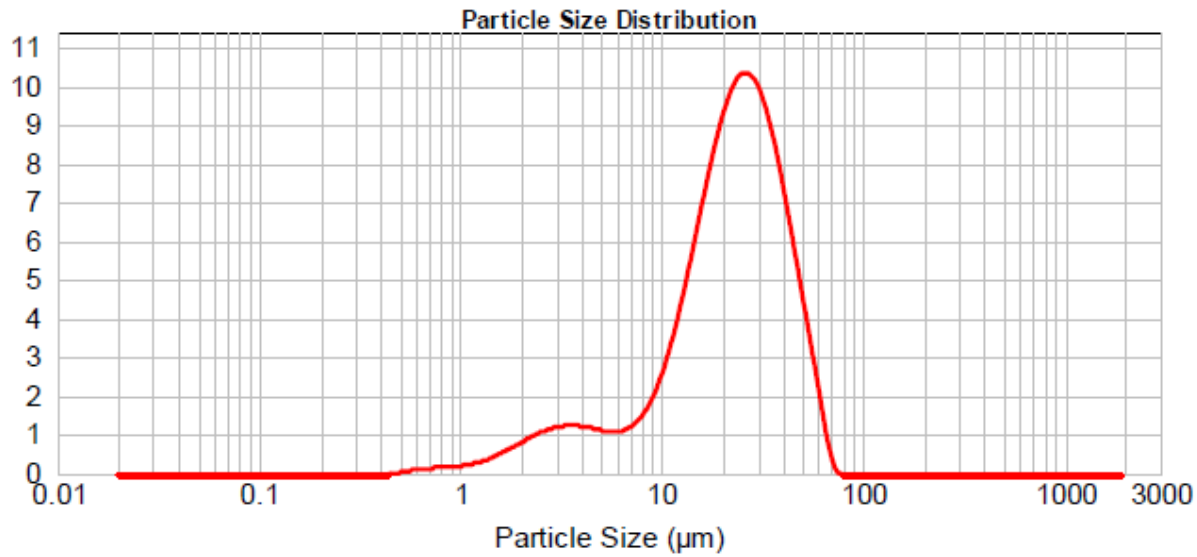
MgO	32.4%
SiO ₂	61.0%
Fe ₂ O ₃	0.6%
CaO	0.3%
Asbestos	Not Detected
Loss on ignition	4.89%

TYPICAL PHYSICAL ANALYSIS

Particle Sizing	<10% retained at 45µm trace retained at 75 µm
Oil Absorption	30.1% (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: 600g/l Tapped: 880g/l
Packaging	25kg polypropylene bags, packed into 500kg bulk bag



PARTICLE SIZE ANALYSIS (Laser Diffraction)



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Signature:

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