

PHARMATALC

DESCRIPTION

Pharmatalc is a soft, lamellar inert mineral, which occurs typically as magnesium silicate. Pharmatalc is irradiated to meet the United States Pharmacopoeia USP26 and European Pharmacopoeia 4th edition (2002) Specifications : 0438. The Pharmatalc grades exhibit exceptional purity, whiteness and chemical stability. These properties render the Pharmatalc grades an ideal carrier and functional extender in cosmetics and pharmaceuticals.

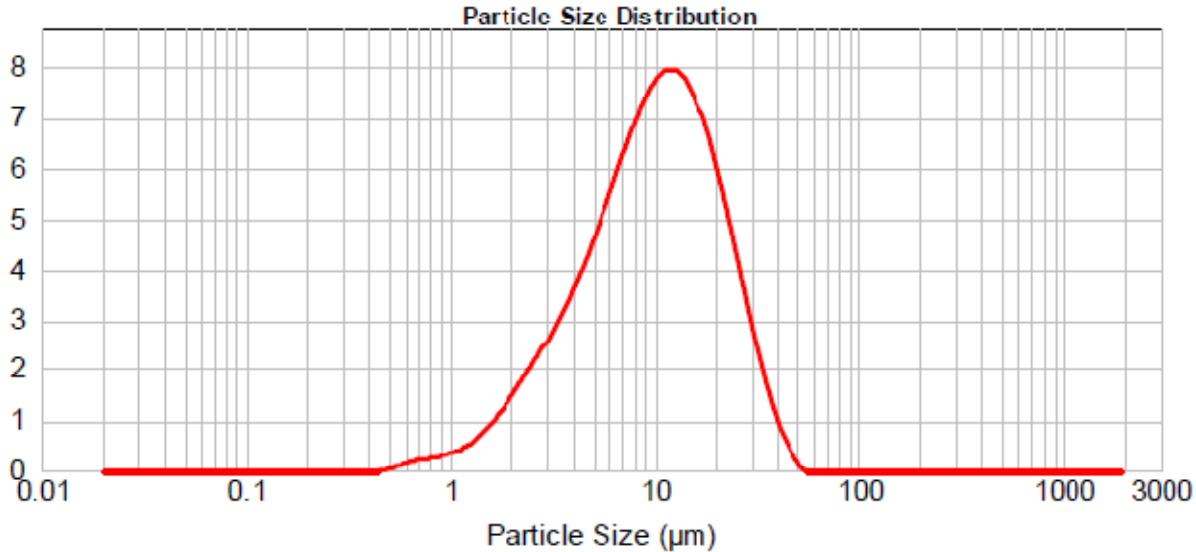
TYPICAL CHEMICAL ANALYSIS

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	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 ^o C
Stability	Indefinite shelf life. Resistant to mild acids, alkalis and organic solvents
Bulk Density	Loose: 430g/l Tapped: 540g/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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