

T 30
Talc

Pack Size
50Kgs

TDS
Technical Data Sheet



Product Description

T 30 is a soft, lamellar mineral primarily composed of magnesium silicate. Known for its inert properties, this grade of talc exhibits high purity and chemical stability, making it versatile for various industrial applications.

Uses

The unique properties of T 30 Talc make it an ideal carrier and functional extender in cosmetics and pharmaceuticals. It is also widely used in high-performance paints and coatings, thermoplastic polymers, waxes, and as a slip agent.

Typical Chemical & Physical Analysis

Property / Attribute - Specification

Appearance	Fine, free-flowing powder, free from visible contamination
Fineness (Mesh)	: 200-700
Brightness / Whiteness:	80-99.9%
SiO ₂ Content:	60.1%
Oil Absorption:	35% (Linseed Oil)
Fe ₂ O ₃ :	0.52%
Specific Gravity:	2.6 (Helium Displacement)
CaO Content	: 0.4%
Hardness:	1 (Mohs scale)
Reflectance	: >65 (Opacity Reflectometer)
Refractive Index	: 1.58

pH (10% Aqueous Suspension):	7.0-10%
Acidity & Alkalinity:	2.0% max
Loss on Ignition (LOI):	3.5-7% max
Magnesium Oxide (MgO):	30-32.5% max
Solubility in Water	: 0.5% max
Solubility in HCl:	5% max
Bulk Density (Tapped)	: 0.40-0.90 g/cc
Chloride Content:	150-250 ppm max
Acid Soluble Substance:	1.5-2.0% max

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Data Reliability

All technical data provided in this document are based on laboratory tests. Actual performance may vary due to factors beyond our control.

Regional Compliance

Product specifications may vary based on local regulations. Please refer to the local Product Data Sheet for precise information.

Legal Disclaimer

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