

Product Data Sheet

Talc — Pharmaceutical / Cosmetic Grade

Description

Description	Pharmaceutical / cosmetic grade talc is a high-purity, asbestos-free hydrated magnesium silicate produced to stringent quality standards. With high whiteness, fine particle size, and controlled microbial and heavy-metal limits, it is suitable for cosmetic powders and pharmaceutical formulations.
Applications	Used in cosmetic powders, talcum and body powders, pharmaceutical tablets (glidant / lubricant / anti-tacking), and personal-care products.
Used In	Cosmetic powders, talcum powder, pharma tablets, personal care

Key Benefits

- High purity, asbestos-free talc
- High whiteness (90–96 ISO) and smooth feel
- Fine, controlled particle size
- Controlled microbial and heavy-metal limits
- Conforms to pharmacopoeial standards (IP / BP / USP) where specified

Chemical Analysis & Physical Data

Chemical Composition

Parameter	Specification
Magnesium Oxide (MgO)	30% – 32%
Silica (SiO ₂)	60% – 63%
Calcium Oxide (CaO)	Max. 0.5%
Iron Oxide (Fe ₂ O ₃)	Max. 0.3%
Loss on Ignition (LOI)	5% – 7%
Asbestos	None detected

Physical Properties

Property	Specification
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Form	Fine micronised powder
Typical D50	To buyer requirement (e.g. 5–15 µm)
Brightness (ISO)	90 – 96
Standard	IP / BP / USP (where specified)
Moisture	Max. 0.5%

* Pharmacopoeial (IP/BP/USP) compliance supplied where specified. Test methods and full COA available upon request.

Packaging

- 25 kg / 50 kg PP / HDPE woven bags
- 1 MT / 1.25 MT Jumbo Bags (FIBC)
- Loose in bulk for large industrial / export orders
- Custom packaging available on request.

Storage & Handling

- Store in a dry, covered area protected from moisture
- Keep bags sealed to maintain whiteness and prevent contamination
- Avoid dust generation; provide adequate ventilation
- Handle with appropriate PPE to control dust

Disclaimer: The information provided in this document is based on our current knowledge and is intended as a general guide. Specifications vary by mine and lot; figures are typical values. Ochnology Solution Pvt. Ltd. reserves the right to modify specifications without prior notice. Buyers are advised to conduct their own testing for specific applications.