

Product Data Sheet
Wollastonite — Fine Powder (FP)

Description

Description	Fine powder wollastonite is a finer-milled calcium metasilicate (CaSiO ₃) with higher purity and brightness, suited to premium ceramics, coatings, and sealants. Its finer particle size improves surface finish and reinforcement.
Applications	Used in premium ceramics, coatings, paints, and sealants.
Used In	Premium ceramics, coatings, sealants

Key Benefits

- Higher purity – CaSiO₃ 93%
- Aspect ratio 4:1 – 6:1 for reinforcement
- Fine size (325 mesh / D50 15 µm)
- Higher brightness (84–88)
- Low iron (Fe₂O₃ max. 0.4%)

Chemical Analysis & Physical Data

Chemical Composition

Parameter	Specification
Calcium Silicate (CaSiO ₃)	Min. 93%
Iron Oxide (Fe ₂ O ₃)	Max. 0.4%
Aspect Ratio	4:1 – 6:1
Brightness	84 – 88
Loss on Ignition (LOI)	Max. 3%
Moisture	Max. 0.5%

Physical Properties

Property	Specification
Form	Fine powder
Mesh / Size	325 mesh / D50 15 µm

Aspect Ratio	4:1 – 6:1
Brightness	84 – 88
Origin	India

* Typical values; mine- and lot-dependent. Test methods 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 quality 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.