

Product Data Sheet

Wollastonite — Lump / Crushed Grade

Description

Description	Lump / crushed wollastonite is a coarse calcium metasilicate (CaSiO_3) supplied as lumps or crushed pieces. With CaSiO_3 90–92%, it serves as a metallurgical flux and slag conditioner in steelmaking and as a raw material for cement kilns.
Applications	Used as a metallurgical flux, slag conditioner in steelmaking, and cement kiln raw material.
Used In	Metallurgy flux, cement kiln, slag conditioner

Key Benefits

- Coarse calcium metasilicate – CaSiO_3 90–92%
- Supplies CaO and SiO_2 for flux applications
- Effective slag conditioner in steelmaking
- Supplied as lumps / crushed (3–50 mm)
- Economical bulk metallurgical grade

Chemical Analysis & Physical Data

Chemical Composition

Parameter	Specification
Calcium Silicate (CaSiO_3)	90% – 92%
Iron Oxide (Fe_2O_3)	Max. 0.6%
Brightness	78 – 84
Loss on Ignition (LOI)	Max. 3%
Moisture	Max. 1.0%
Form	Lumps / crushed

Physical Properties

Property	Specification
Form	Lumps / crushed

Size	3 – 50 mm
Brightness	78 – 84
Application	Metallurgical flux / cement
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.