

Product Data Sheet

Limestone — General Grade (India)

Description	
Description	Limestone is a naturally occurring sedimentary rock composed predominantly of calcium carbonate (CaCO ₃). This general industrial grade is sourced from established Indian deposits and is suited to a broad range of metallurgical, construction, and agricultural applications.
Applications	Used in steel and iron flux, cement manufacturing, lime calcination, construction aggregate, soil treatment, and general chemical applications.
Used In	Steel flux, cement, lime, construction, agriculture

Key Benefits	
- Reliable general industrial grade for high-volume use - Sourced from established Indian limestone deposits - Low-silica grades available from specific Indian regions - Consistent chemistry suitable for flux and calcination - Customisable sizing to buyer requirement	

Chemical Analysis & Physical Data	
Chemical Composition (Weight %)	
Parameter	Range
CaCO ₃	44% – 52%
CaO	42% – 52%
MgCO ₃	0.5% – 4%
SiO ₂ (Silica)	2% – 5%
Al ₂ O ₃	0.5% – 2.5%
Fe ₂ O ₃	0.5% – 2%
Moisture	< 2%

Physical Properties

Property	Specification
Available Forms	Lumps, chips, sized aggregate, powder
Sizing	Customisable to buyer requirement
Moisture	< 2%
Origin	India

* Low-silica limestone is found in specific Indian regions. Test methods available upon request.

Packaging

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

Storage & Handling

- Store in a dry, covered area protected from moisture
- Keep away from acids and contaminants
- Stack bags on pallets to avoid ground moisture
- 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 ranges. Ochnology Solution Pvt. Ltd. reserves the right to modify specifications without prior notice. Buyers are advised to conduct their own testing for specific applications.