

Product Data Sheet

Dry Ground Mica (Muscovite / Phlogopite)

Description

Description	Dry ground mica is produced by dry milling of muscovite / phlogopite, giving an economical functional filler with good thermal and chemical resistance. Available in a range of mesh sizes for joint compounds, roofing, rubber, and wallboard.
Applications	Used in joint compounds, roofing felt and shingles, rubber, and wallboard.
Used In	Joint compound, roofing, rubber, wallboard

Key Benefits

- Economical dry-ground filler
- Available in 60–325 mesh range
- Good brightness (78–88)
- Thermal and chemical resistance
- Improves crack resistance and workability

Chemical Analysis & Physical Data

Technical Specification

Parameter	Specification
Mica Type	Muscovite / Phlogopite
Mesh Range	60 – 325 mesh
Brightness	78 – 88
Silica (SiO ₂)	Typical (per type)
Aluminium Oxide (Al ₂ O ₃)	Typical (per type)
Iron Oxide (Fe ₂ O ₃)	Low (max, per type)

Physical Properties

Property	Specification
Form	Dry-ground powder
Mesh / Size	60 – 325 mesh (to spec)

Brightness	78 – 88
Moisture	Max. 1.0%
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.