

Product Data Sheet

Fluorspar — Acidspar (97.5%)

Description

Description	Premium acid-grade fluorspar (CaF_2 minimum 97.5%) with very low impurities, used where the highest acid-grade purity is required — including refrigerant gases and fluoropolymer production. Tighter silica, carbonate, and sulphur limits than standard AHF grade.
Applications	Used in refrigerant gas (HFC) and fluoropolymer (PTFE) production, and premium HF manufacturing.
Used In	Refrigerants, fluoropolymers, premium HF

Key Benefits

- Premium purity – CaF_2 min. 97.5%
- Very low silica (SiO_2 max. 0.8%)
- Tight carbonate (CaCO_3 max. 0.3%) and sulphur (max. 0.02%)
- Suited to refrigerants and fluoropolymers
- Consistent premium acid-grade chemistry

Chemical Analysis & Physical Data

Chemical Composition

Parameter	Specification
Calcium Fluoride (CaF_2)	Min. 97.5%
Silica (SiO_2)	Max. 0.8%
Calcium Carbonate (CaCO_3)	Max. 0.3%
Iron Oxide (Fe_2O_3)	Max. 0.10%
Sulphur (S)	Max. 0.02%

Physical Properties

Property	Specification
Form	Filter cake / dried powder (acid grade)

Grade	Premium acid grade (Acidspar 97.5%)
Moisture	Max. 1.0% (dried grades lower)
Application	Refrigerants / fluoropolymers / HF
Origin	India / imported

* 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 away from acids – contact releases toxic hydrogen fluoride (HF)
- Avoid dust generation; provide adequate ventilation
- Handle with appropriate PPE to control dust and avoid ingestion

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. Fluorspar releases toxic hydrogen fluoride on contact with acids – refer to the MSDS.