

# TETRA CALCIUM Aluminoferrite

**NS6130-12-001882**

## Quick Facts

Product	:	Tetra Calcium Aluminoferrite
Stock No	:	NS6130-12-001882
CAS	:	12068-35-8
Molecular Formula	:	AlCa <sub>2</sub> FeO <sub>5</sub>
Form	:	Powder

## Technical Specification

Molecular Weight	Purity	APS
242.98g/mol	99%	40-50µm

Tetra calcium aluminoferrite powder (Ca<sub>4</sub>(AlFe)O<sub>5</sub>) is essential in Portland cement. It contributes to early strength development, affects setting time, and enhances resistance to high temperatures and chemical attacks. It is also studied in materials science for its hydration properties and high-temperature applications.

### Application

- Portland Cement
- Construction Materials
- High-Temperature Applications
- Research and Development

