

NS6130-10-1162

CALCIUM SILICATE Nanoparticles

Quick Facts

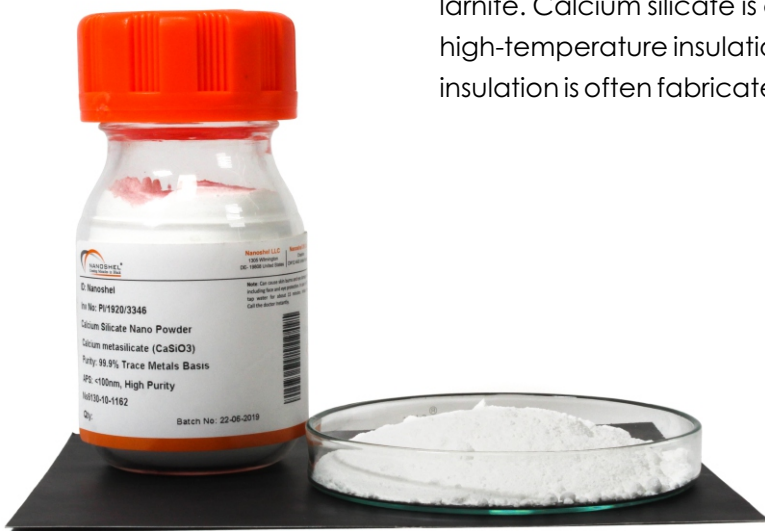
Product	: Calcium Silicate Nanoparticles
Stock No	: NS6130-10-1162
CAS	: 13983-17-0
Molecular Formula	: $\text{Ca}_2\text{O}_4\text{Si}$
Form	: Powder

Purity
99.9%

Technical Specification

Molecular Weight	Bulk Density	Purity	APS
172.23g/mol	0.07-0.12gm/cc	99.9%	<100nm

Calcium silicate is the chemical compound Ca_2SiO_4 , also known as calcium orthosilicate and is sometimes formulated as $2\text{CaO} \cdot \text{SiO}_2$. It is also referred to by the shortened trade name Cal-Sil or Calsil. It occurs naturally as the mineral larnite. Calcium silicate is commonly used as a safe alternative to asbestos for high-temperature insulation materials. Industrial-grade piping and equipment insulation is often fabricated from calcium silicate.



$\text{Ca}_2\text{O}_4\text{Si}$

APS <100nm



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