



SILICA FUME, DENSIFIED

CAS No.: 69012-64-2

Also known as micro silica, silica fume is the coproduct of silicon metal production. As a pozzolan, silica fume is used in a wide array of cementitious products as a strength and durability enhancer.

APPLICATIONS

Silica fume is used in high performance concrete such as bridge decks, rapid transit, high rise residential and commercial construction. In refractory applications, silica fume fills pores and reduces water consumption and porosity of the castable.

PRODUCT SPECIFICATIONS

Parameters (units)	Specifications
SiO ₂ (%)	≥ 92.0
H ₂ O (%)	≤ 3.0
Bulk density (kg/m ³)	650~
LOI (%)	≤ 6
Pozzolanic activity index @ 7 days	≥ 105
Retained on 45µm sieve (%)	≤ 10
Specific surface area (BET m ² /g)	15-25



**LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.**

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This document is subject to revision without notice as new data becomes available.

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PACKAGING

Available in 15lb degradable paper bags and super sacks.

STORAGE & SHELF LIFE

Product should be stored in a dry place away from direct sunlight in sealed, original packaging.

SAFETY & HANDLING

Please consult the Material Safety Data Sheet for additional information on safety, handling and storage before using this product.