



SAND for FUSE



USAGE

The cavity inside the fuse body is usually filled with fine silica sand to absorb heat and energy from an overcurrent. For this, it must meet a certain compactness and granular distribution to optimize absorption.

PHYSICAL AND CHEMICAL CHARACTERISTICS

SNL offers a complete range of sand for fusibles based exclusively on pure natural siliceous sand with + 98% silica content, washed and dried.

Sables utilisés / Selected sands

Typical chemical analysis :

SiO₂.....98% to >99%
Fe₂O₃....0,02% to 0,10%
Al₂O₃....0,77% to 0,95%
CaO.....0,01% to 0,06%
K₂O.....0,05% to 0,06%

Typical physical characteristics:

density.....2,65
hardness.....7
PH.....#7
bulk density.....1,5 to 1,55
Lost of ignition (1000°C).....0,1 to 0,2
refractoriness.....1750°C
humidity.....<0,1%

GRADING AND CONTROLS

SNL studies, based on your needs and following the requested standard, any type of sand for fuse.

You can consult us according to your specific needs.

Example of proposed fuse sand:

- ✓ SNL Fuse Sand Type 1 (A&B): 0.3-0.6mm with two granulometric curve options
- ✓ SNL Fuse Sand Type 2: 0.1-0.7 mm
- ✓ Fuse Sand on demand: according to the client's specification, of which it remains the owner.

The controls are carried out by the SNL laboratory.

PACKAGING

The packaging is at the client's request.