

## LAVA Silica Sand



**HERACLES**  
GROUP OF COMPANIES



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### Description

Off white granules of siliceous material of various sizes, mainly < 50mm produced in Milos Quarry.

### Typical Characteristics

#### Chemical Analysis (%)

SiO <sub>2</sub>	: 92-98
Al <sub>2</sub> O <sub>3</sub>	: <1,3
Fe <sub>2</sub> O <sub>3</sub>	: <0,7
CaO	: <1
MgO	: <0,2
SO <sub>3</sub>	: <0,3
K <sub>2</sub> O	: <0,3
Na <sub>2</sub> O	: <0,3
TiO <sub>2</sub>	<1
Cl	: <0.03
LOI (Loss on Ignition)	: 0,5-5
Insoluble Residue (HCl +Na <sub>2</sub> CO <sub>3</sub> )	97
Reactive Silica	: 8

#### Physical properties

Moisture (% on wet basis))	: 7-15
Specific gravity (kg/m <sup>3</sup> )	: 1,100

#### Granulometry

0 – 50 mm

#### Mineralogical composition (%)

Quartz	: >95
Anatase	: 0.5

### Recommended Applications

- Raw material for cement, glass, ceramics, water glass, refractories, mortars, blocks, decorative tiles, foundries
- Filler for paints

**Disclaimer:** This TDS contains average values of number of tests taken under laboratory conditions and is indicative only. Minor variations which do not affect product performance are expected in normal manufacturing. This product should not be used for any purpose other than those expressly set out in this TDS and the user has sole responsibility for verifying its suitability for the intended application.