

## LAVA Gypsum



**HERACLES**  
GROUP OF COMPANIES



A MEMBER OF  
**HOLCIM GROUP**

## Description

White to grey granules of sulfuric material of various sizes, mainly < 50mm produced in Altsi Quarry.

## Typical Characteristics

### Chemical Analysis (%)

SiO <sub>2</sub>	:	<1%
Al <sub>2</sub> O <sub>3</sub>	:	<0.3%
Fe <sub>2</sub> O <sub>3</sub>	:	<0.1%
CaO	:	32-39%
MgO	:	1-3%
SO <sub>3</sub>	:	36-50%
K <sub>2</sub> O	:	traces
Na <sub>2</sub> O	:	traces
TiO <sub>2</sub>	:	traces
Cryst. H <sub>2</sub> O	:	15-18
LOI (Loss on Ignition)	:	20-25
Insoluble Residue (ASTM)	:	1%

### Physical properties

Moisture (%)	:	<2
Specific gravity (kg/m <sup>3</sup> )	:	2,1-2,4
Purity	:	>90%

### Granulometry

90% <50mm	:	
95-100% <100mm	:	

### Mineralogical composition (%)

Gypsum	:	70-90
Anhydrite	:	max 20
Calcite	:	max 10
Dolomite	:	max 10
Quartz	:	<1
Muscovite	:	<1.5%
Albite	:	<0.5%

## Recommended Applications

- Raw material for cement

**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.