

## FELDSPAR ACN

### COMPOSITION:

A MINERAL BELONGING TO A GROUP OF COMPOUNDS FORMED BY SILICATES, PRESENT IN ERUPTIONAL ROCKS. FELDSPARS ARE ALUMINATED SILICATES OF ALCALINE METALS AND ALCALINE-EARTH. THEY ARE FORMING THE MOST IMPORTANT GROUP OF MINERALS PRESENT IN THE EARTH'S CRUST; BEING THE MAIN COMPONENTS OF MAGMATIC, SEDIMENTARY AND METAMORPHIC ROCKS.

### APPLICATIONS:

- Ceramic mixture for ceramic tiles and sanitary products
- Glass
- Cement
- Metallurgy

### PHYSICAL AND CHEMICAL PROPERTIES:

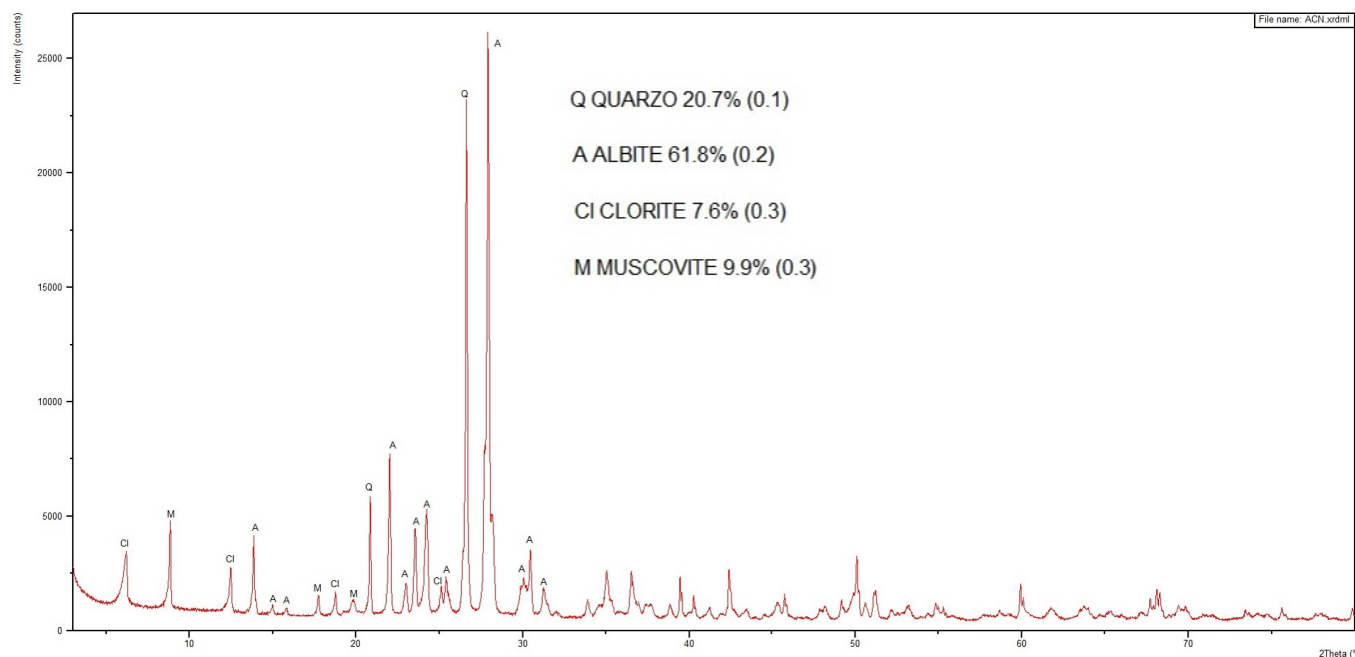
- Grain size: < 10 mm (< 3/8" US Mesh)
- Humidity: max 6%

### MEDIUM CHEMICAL ANALYSIS

of representative samples of the front quarry

<b>Manufacturer &gt;</b>	<b>Smic</b>
<b>Production site &gt;</b>	<b>Acri (Cosenza)</b>
<b>Type of Feldspar &gt;</b>	<b>Na Magnesiaco</b>
<b>Products &gt;</b>	<b>ACN</b>
SiO <sub>2</sub>	65,00 - 67,00
Al <sub>2</sub> O <sub>3</sub>	17,50 - 19,50
Na <sub>2</sub> O	7,50 - 8,00
K <sub>2</sub> O	0,80 - 1,10
Fe <sub>2</sub> O <sub>3</sub>	0,70 - 0,90
Ti <sub>2</sub> O	0,28 - 0,30
CaO	0,65 - 0,90
MgO	1,30 - 2,30
P.F.	1,30 - 2,30

### Quantitative Mineralogical Analysis (Rietveld Method)



*This mineral is a natural raw material. All data indicated above are therefore approximate and do not provide any warranty.*