

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

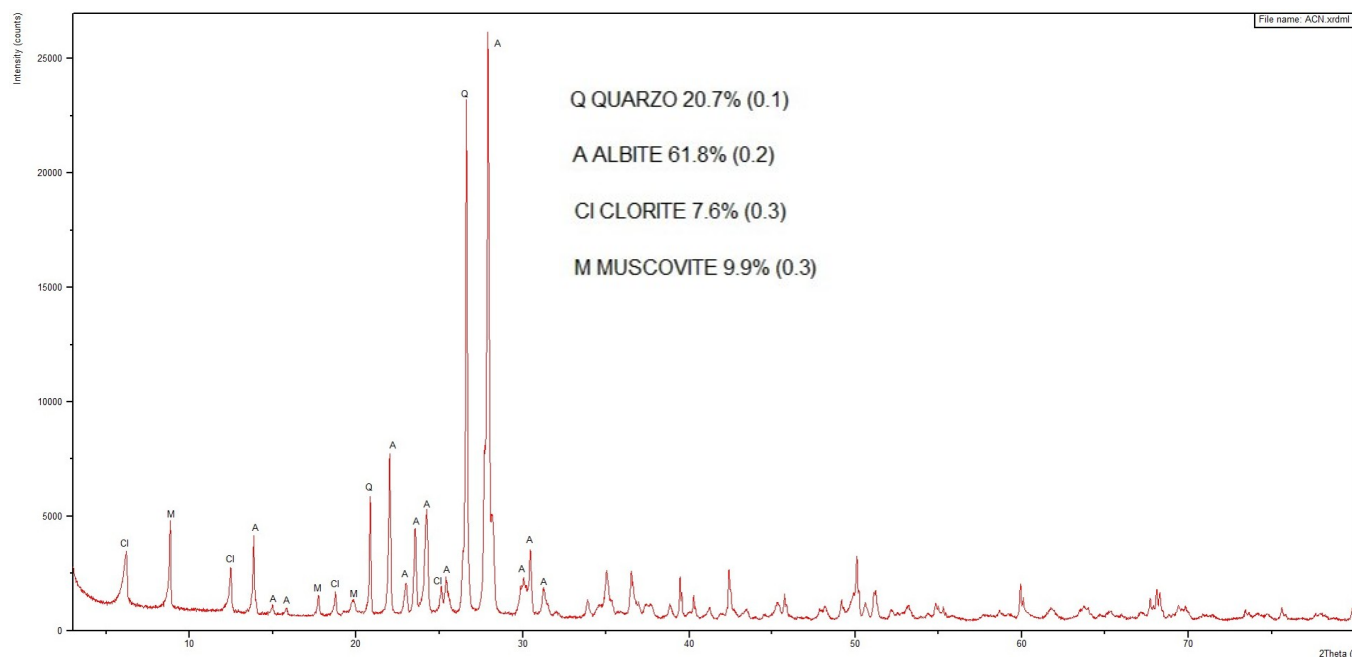
- Grain size: < 10 mm (< 3/8" US Mesh)
- Humidity: max 6%

MEDIUM CHEMICAL ANALYSIS

of representative samples of the front quarry

Manufacturer >	Smic
Production site >	Acri (Cosenza)
Type of Feldspar >	Na Magnesiaco
Products >	ACN
SiO ₂	65,00 - 67,00
Al ₂ O ₃	17,50 - 19,50
Na ₂ O	7,50 - 8,00
K ₂ O	0,80 - 1,10
Fe ₂ O ₃	0,70 - 0,90
Ti ₂ 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.