

FELDSPAR

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
- Humidity : max 6%

Manufacturer >	Smic	Silana Mineraria	
Production site >	Acri (Cosenza)	Sorbo San Basile (Catanzaro)	
Type of Feldspar >	Na Magnesium	Sodium	
Products >	ACN	SM 30	SM 60
SiO ₂	65,40	77,60	75,20
Al ₂ O ₃	19,30	13,80	15,40
Na ₂ O	8,45	6,65	6,50
K ₂ O	0,45	0,40	0,64
Fe ₂ O ₃	1,00	0,26	0,54
Ti ₂ O	0,32	0,05	0,08
CaO	0,62	0,45	0,75
MgO	3,14	0,09	0,17
P.F.	1,30	0,50	0,86

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