



TECHNICAL DATA SHEET

FELDSPAR POTASSIUM

K-SPAR

General Properties

Feldspar potassium is a natural product that extracted from the mines in Egypt. It could be supplied as lumps, crushed, or ground according to the requirements. It is used in glass making, ceramics and porcelain industries

Chemical Composition

IUPAC Name	Chemical Formula	Weight (%)
Silicon dioxide	SiO ₂	65.80%
Aluminum oxide	Al ₂ O ₃	17.80%
Potassium oxide	K ₂ O	13.12%
Sodium oxide	Na ₂ O	2.00%
Iron (III) oxide	Fe ₂ O ₃	0.04%
Magnesium oxide	MgO	< 0.01 %
Titanium dioxide	TiO ₂	< 0.01 %
Manganese (II) oxide	MnO	< 0.01 %
Calcium oxide	CaO	< 0.01 %
Phosphorus pentoxide	P ₂ O ₅	< 0.01 %
Loss in Ignition	L.O.I.	0.85%

Physical Properties	
Appearance	Grey
Status	Solid
Specific gravity	2.55 g/cm ³
Hardness (Moh's scale)	6

Particle Size Distribution
According to request
Type of Packing
Jumbo bag
PP bags 25 kg

Feldspar potassium is a prepared natural product. All data are approximate values and do not represent any warranty

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