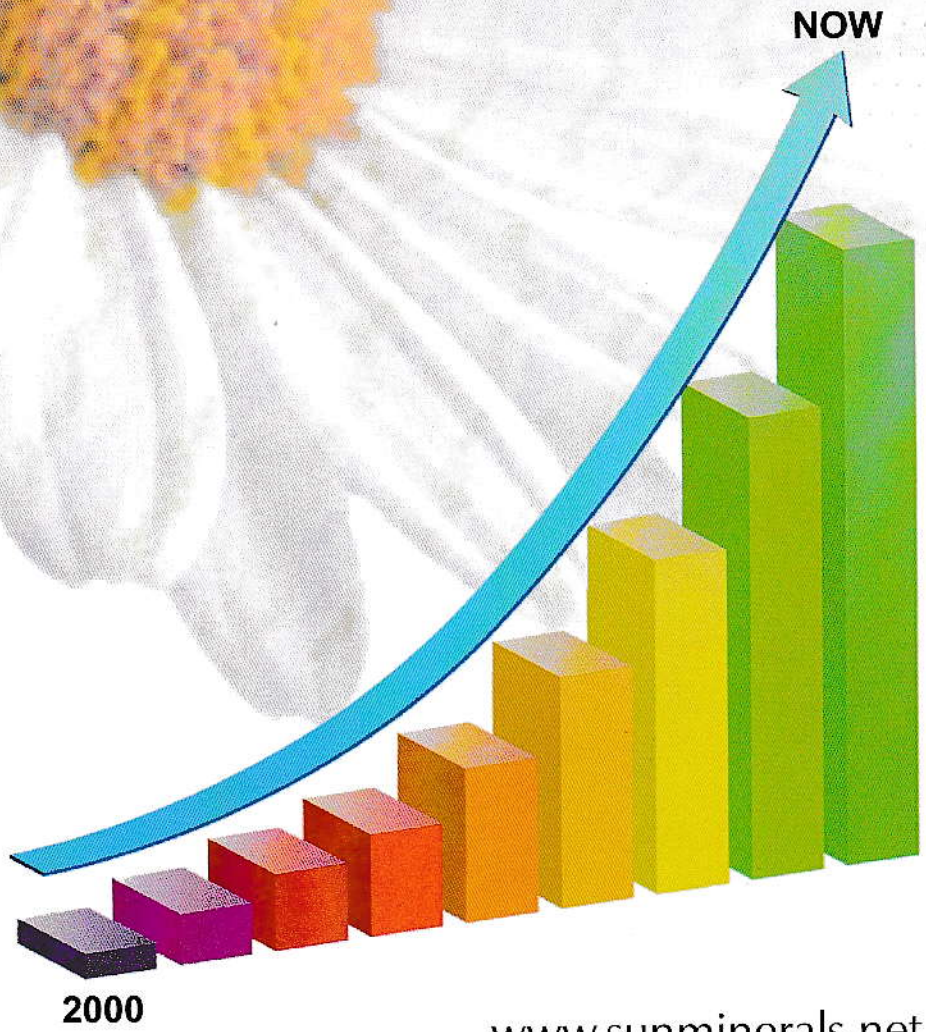
SUN MINERALS
An ISO 9001:2008 Company



POTASSIUM FELDSPAR

SODIUM FELDSPAR

QUARTA / SILICA

www.sunminerals.net

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Introduction :

Sun Minerals incorporated in 2000 has in a short span achieved its status of leading nonmetallic minerals supplier due to its stringent quality control at all levels. Today the vision of its owner joint effort of his team has all levels and the group to capture not only dome but also international market.

The Mission :

To Provide best quality of Non-Metallic Mineral & Customer Satisfaction.

Our Vision :

Sun Minerals aims to become one of the top calls Manufacture & Exporter of Non Metallic Minerals in India providing best services to its customers across the globe. Aim is to provide best services - Sun Minerals has set up its state of art Research & Development Labs & has set up one of the best processing facilities in India.

Sun Minerals USP:

USP (Unique Selling Proposition) of Sun Minerals is the fact that different grades are available for various users, for e.g. especially prepared Potash Feldspar is available for frit manufacturer, sanitary ware manufacturers, tiles manufacturer and insulator manufacturers.

Experience in supplying of these various industries has helped it to serve each of them individually according to their specific needs. There are very few companies who can distinguish the needs of different users and thus supply them the same grade.

Customer Satisfaction:

Sun Minerals based in India believes in country's ideology of "CUSTOMER IS GOD". It has whole department dedicated to this led by the owner himself to cater the customer needs.

"To provide best quality of Non-Metallic Minerals & Customer Satisfaction."

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Non Metallic Minerals – Potash Feldspar :

The name of "Feldspar" refers to group of Aluminum Silicate of potassium, soudium and calcium. The chief use of Feldspar is in the Ceramic and Glass Industries. Smaller quantities are used in the manufacturing of Tiles, Whiteware and Sanitaryware. Other used of Feldspar include Catalysts, Acid resistant and Decorative Stone as a flux or binding agent in certain scanning Soaps and artificial teeth.





		POTASH (PF01)	POTASH (PF 02)
Silica	SiO_2	66% (+/- 1%)	68% (+/- 1%)
Alumina	Al_2O_3	18% (+/- 0.5%)	17% (+/- 0.5%)
Potassium Oxide	K_2O	11.8% (+/- 0.25%)	10.2% (+/- 0.5%)
Sodium Oxide	Na_2O	2.5% (+/- 0.25%)	3% (+/- 0.25%)
Titanium Oxide	TiO_2	Nil	Nil
Calcium Oxide	CaO	Nil	Nil
Magnesium Oxide	MgO	Nil	Nil
Ferric Oxide	Fe_2O_3	0.06% (+/- 0.01%)	0.08% (+/- 0.02%)
Loss on Ignition	LOI	0.1%	0.2%

* Above are based on our research as well as research of others. However, this document is not contractual and nothing in it constitutes a warranty (expressed or implied) that the goods described are accurate and fit for a particular purpose of the customer. Purchasers are advised to make thier own test to determine the suitability.

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Non Metallic Minerals – Sodium Feldspar:

The name of "Feldspar" refers to group of Aluminum Silicate of potassium, soudium and calcium. The chief use of Feldspar is in the Ceramic and Glass Industries. Smaller quantities are used in the manufacturing of Tiles, Whiteware and Sanitaryware. Other uses of Feldspar include Catalysts, Acid resistant and Decorative Stone as a flux or binding agent in certain scanning Soaps and artificial teeth.





		SODIUM (SF 01)	SODIUM (SF 02)
Silica	SiO_2	68% (+/- 1%)	70% (+/- 2%)
Alumina	Al_2O_3	18% (+/- 0.5%)	18% (+/- 2%)
Sodium Oxide	Na_2O	10.0% (+/- 0.25%)	8% (+/- 1%)
Pottasium Oxide	K_2O	0.5% (+/- 0.25%)	4% (+/- 1%)
Titanium Oxide	TiO_2	Nil	Nil
Calcium Oxide	CaO	Nil	0.25% (+/- 0.05%)
Magnesium Oxide	MgO	Nil	0.25% (+/- 0.05%)
Ferric Oxide	Fe_2O_3	0.06% (+/- 0.01%)	0.1%
Loss on Ignition	LOI	0.1%	0.2%

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Non Metallic Minerals – Quartz :

Quartz a crystal form of silica is found in massive forming hills, in various forms like Quartz Sand, Sand Stone and Quartzite. The common use of Quartz is in Glass, Ceramics and Refractory. Other uses are to manufacture of Sodium Silicate, Silicon tetrachloride, Ferro Silicon and also to use for water treatment processes.



		Quartz - 01	Quartz - 02
Silica	SiO_2	99.5% (+/- 0.2%)	99.5% (+/- 0.25%)
Alumina	Al_2O_3	Nil	Nil
Ferric Oxide	Fe_2O_3	0.06% (+/-0.01%)	0.08% (+/-0.01%)
Titanium Oxide	TiO_2	Nil	Nil
Sodium Oxide	Na_2O	Nil	Nil
Potassium Oxide	K_2O	Nil	Nil
Loss on Ignition	LOI	0.1%	0.1%

Quartz Application :

User of Quartz are spread over a very wide range of industry where functional roles of it are also varied, like quartz powder is used as a filler in porcelain, ceramics, sanitary ware and Engineered stone industry while quartz grains are used a lining refractories in induction furnaces, as a flux in smelling operations.

Our Quartz is available in all forms from lumps to fine powder of 500 mesh. All possible fractions, particle size distribution etc. are prepared strictly as per the specification of the customers.

* Quartz is naturally occurring raw material and its composition mentioned above is expected to vary. The statements and technical information contained in this document are based on our research as well as research others. However, this document is not contractual and nothing in it constitutes a warranty (expressed or implied) that the goods described are accurate and fit for a particular purpose of the customer. Purchases are advised to make their own test to determine the suitability.

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Research & Development Facilities – Sun Minerals :

Sun Minerals strongly emphasizes on quality control via its research and development. it has the most accurate and reliable scientific instruments required to test the material and maintain its standards. Qualified and efficient chemists are employed to complement the available highly sophisticated laboratory.





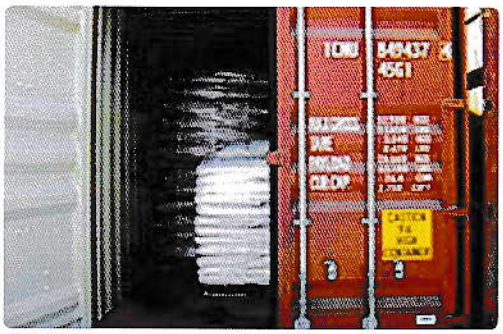
1200 Kgs. Jumbo Beg Packing

Packaging Facilities – Sun Minerals :

Sun Minerals believes that goods product comes in better packaging. As a result high quality HDPE bags are used t pack its products. Packing is a available in 50 Kgs, 1M.T. and 1.25 M.T. HDPE jumbo bags as per customer need and requirements.



500 Kgs. Pelletized





50 Kgs. Packing

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Processing Facilities – Sun Minerals:

Sun Minerals is the proud owner of the most sophisticated and latest machineries available for grinding. it has a production capacity of 36000 M.T. P.A. via Continuous flow ball mills and disintegrators. Such huge production has not hampered its ability to produce accurate desired mesh size. The Machines are lined with silex media to ensure least possible iron contamination in the ground product.



Grinding Process for Powder

Grinding Process for Grains



Powered with high capacity permanent type rate earth magnetic separation system and an efficient classification system we strive to ensure that our product meet the highest international standards of impurity free grinding of white minerals. At all stages of process constant vigilance is maintained to guarantee a consistently superior of quality and customer satisfaction. As all naturally occurring mineral are subject to a degree of variance, all ores arriving at our grinding units are carefully analyzed for chemical and physical parameters before final processing. Final product which leaves our processing facilities are exactly as per the customer's ordered specification.

Minerals Deposits :

Sun Minerals understands the need of consistency required in the industry. Therefore if procures the entire raw material needed from its own mined located at various places in Rajasthan. Mechanized and safe mining is the motto followed. Environment protection at the same time is given utmost priority.





SUN MINERALS

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