



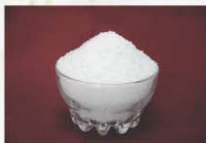
**SUN MINERALS**

AN ISO 9001-2008 Company

*white like me*

## *Quartz Grains / Silica*

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, Silicone tetrachloride, Ferro Silicon and also to use for water treatment processes.



		Quartz Grains - 01
Silica	SiO <sub>2</sub>	99.8% (+/- 0.2%)
Alumina	Al <sub>2</sub> O <sub>3</sub>	0
Ferric Oxide	Fe <sub>2</sub> O <sub>3</sub>	0.08% (+/- .02%)
Titanium Oxide	TiO <sub>2</sub>	0
Sodium Oxide	Na <sub>2</sub> O	0
Potassium Oxide	K <sub>2</sub> O	0
Loss on Ignition	LOI	0.16%

## *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 smelting operations.

Our Quartz is available in all forms from lumps, Grains & fine powder of 100,150,200, 250,325 & 500 BSS mesh. All possible fractions, particle size distribution etc. are prepared strictly as per the specification of the customers.

## Potassium Feldspar "Sun Ultra"

Sun Minerals, a pioneer in the field of providing new definitions to the concepts of all kind of flooring, introduces its new revolutionary product "Sun Ultra".

"Sun Ultra" provides a unique alternate to the costly marble flooring by replacing with porcelain/ vitrified tiles. By the use of "Sun Ultra" in manufacturing of porcelain/ vitrified tiles a manufacturer can changes the look of its product by giving exclusive whiteness and shining.

"Sun Ultra" with its unique combination of contents and manufacturing process makes itself superior in fusibility and fluxing properties and low absorption of water. Micro contents of Iron and titania provides super whiteness to "Sun Ultra".

The super whiteness of "Sun Ultra" is emphasized by controlled and cared sorting and separations of all foreign particles at the primary Levels of production resulting of which makes it completely free from all impurities.



### Technical Data Sheet

	Product	"SUN ULTRA"
Silica	SiO <sub>2</sub>	68% (+/- 1%)
Alumina	Al <sub>2</sub> O <sub>3</sub>	18% (+/- 1%)
Ferric Oxide	Fe <sub>2</sub> O <sub>3</sub>	0.07%
Titanium Oxide	TiO <sub>2</sub>	NIL
Sodium Oxide	Na <sub>2</sub> O	3% (+/- 0.5%)
Potassium Oxide	K <sub>2</sub> O	10.5% (+/- 1%)
Magnesium Oxide	MgO	0.1%
Calcium Oxide	CaO	0.05%
Loss on Ignition	LOI	0.01%
Firing Result		Milky
Visual Apperance		White



Correspondence :  
C - 51, RIICO Housing Complex,  
Ajmer Road, Bewar - 305 901 (Rajasthan) INDIA

Telephone : +91 1462 268 042  
Fax : +91 1462 268 043  
Mobile : +91 9829 072 953

Factory :  
Radhavallabh Industrial Area  
Village Piplaj, Distt. Ajmer - 305 901 (Rajasthan) INDIA

Website : [www.sunminerals.net](http://www.sunminerals.net)  
Email : [contact@sunminerals.net](mailto:contact@sunminerals.net)