



**C.R. INDUSTRIAL  
MINERALS**

***Registered office: 30-D, Bharathi Nagar (East), KARUR – 639002, Tamilnadu, INDIA.***



## About Us

C.R.INDUSTRIAL MINERALS, was born in 1990 to meet the growing need of “Electronic Quartz” at the heart of the Quartz Town “Karur” in TamilNadu. The company has grown many folds with the help of the Japanese specialists for this Electronic Industry.

Today specialised in Quartz, Feldspar, and various other minerals and having its customer base in many Asian Countries. It continued to receive appreciations from its clients as the best quality supplier

## Application & Resources

- ✳ Today C.R.Industrial Minerals is serving to the applications of EMC, GLASS, FUSED SILICA, SPHERICAL SILICA, CRUSIBLE QUARTZ, GLASS TUBES, METAL SILICON,CERAMIC, and ENGINEERED STONES.
- ✳ C.R operates its own mining, processing and crushing of Quartz and Feldspar with its own sources and long term agreements with out sourcing facilities.
- ✳ C.R has net work of operations in south part of India. And its stock yards are established in Karur and Chennai.





## GLAZZY QUARTZ

Appearance is Glassy and application for semi conductor industry The Chemical parameters & physical appearance small varies depends customer. General chemical specifications as follows:

Si.No.	Elements	Values
1	Ec	< 10 $\mu$ S/cm
2	Cl <sup>-</sup>	< 10 PPM
3	Na <sup>+</sup>	< 10 PPM
4	Fe <sub>2</sub> O <sub>3</sub>	< 50 PPM
5	Al <sub>2</sub> O <sub>3</sub>	< 100 PPM
6	MgO	< 20 PPM
7	Na <sub>2</sub> O	< 30 PPM
8	K <sub>2</sub> O	< 20 PPM
9	CaO	< 30 PPM
The appearance will be semi glassy Al2O3 <500 ppm. Other specs same as above		

## SEMI GLAZZY QUARTZ

Appearance is Semi glassy application for semi conductor industry The Chemical parameters & physical appearance small varies depends customer. General chemical specifications as follows :

Si.No.	Elements	Values
1	Ec	< 10 $\mu$ S/cm
2	Cl <sup>-</sup>	< 10 PPM
3	Na <sup>+</sup>	< 10 PPM
4	Fe <sub>2</sub> O <sub>3</sub>	< 50 PPM
5	Al <sub>2</sub> O <sub>3</sub>	< 500 PPM
6	MgO	< 20 PPM
7	Na <sub>2</sub> O	< 30 PPM
8	K <sub>2</sub> O	< 20 PPM
9	CaO	< 30 PPM

## GRANULAR QUARTZ

The Granular and Semi Granular Quartz with high purity first grade, mainly low alpha grade uses for Crucible and glass tubes etc. Customers receive mine wise samples and approve for their require production level. The general specification as follows:

Sl.No.	Elements	Values
1	SiO <sub>2</sub>	< 99.8%
2	Al <sub>2</sub> O <sub>3</sub>	< 100 PPM
3	Fe <sub>2</sub> O <sub>3</sub>	< 80 PPM
4	Na <sub>2</sub> O	< 80 PPM
5	Na+	< 5 PPM
6	Cl-	< 5 PPM
7	Uranium	< 1.0 PPB
8	Thorium	< 1.0 PPB

## SIZES

- \* QuartzLumps :20 mm - 200 mm
- \* QuartzChips :15 mm - 40 mm
- \* QuartzGrits :0.5 mm - 5 mm

## PACKING

- \* Loose bulk in container
- \* One ton or 1.25 ton Jumbo bags as require by customer.



## KEY CUSTOMERS

- \* Harimic (Malasiya) SDN.BHD., Malaysia.
- \* Belmetal Japan Co Ltd., Japan.
- \* Nitchitsu Co Ltd., Japan.
- \* Nippon Steel & Sumikin Material Co.,Ltd(Micron Company) Japan
- \* Fukushimayogyo Co Ltd., Japan
- \* Yamamori Tsuchimoto Mining Co.,LTD., Japan
- \* Marukama Kamado Touryou.Co.LTD., Japan
- \* Korea Semiconductor Material Co Ltd., South Korea.

## PORT of SHIPMENT

- \* Chennai Port - INDIA
- \* Tuticorin Port - INDIA
- \* Krishnapattinam Port - INDIA



## MINES



## StockYARD



## GR Samples



## GL Samples





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