



BABA QUARTZ[®]
Purity of Nature

THE LARGEST QUARTZ MANUFACTURER IN NORTH INDIA

www.babaquartz.com/minerals/quartz/

BABA QUARTZ[®]

Purity of Nature

Baba Group was incorporated in ----- under the section of natural minerals and textiles at Kishangarh (Ajmer), Rajasthan. The director holds an matchless experience in Textile and minerals well over 4 decades.

Baba Super Minerals the oldest member of The group currently has the capability to manufacture high quality snowwhite as well as transparent quartz Grits and Filler , Low Iron Quartz Sand (Glass grade) and Feldspar powder.

Company has a highly professional & experience technical team with world class R&D lab which enables Baba Super Minerals to cater customer requirements across the Globe. All our 14 plants are equipped with the latest technology (Colour sorters), High gauss magnets & automated production lines to deliver the best. Thus making us the largest mineral exporter in North India.

Baba Minerals holds over 40,000 Sq. meter of covered warehouse for finished goods along side we have obtained permission from Indian Customs (Govt of India) to self seal conatiners, restricting minimum handling of palletized cargo there by reducing the risk of damage and wear & tear.

Second in line of Baba Group is Tanush Micro Minerals Pvt Ltd. Established in the year 2007. is engaged in the production of Micronised calcium carbonate powder.

Calcium carbonate is a chemical compound with the formula CaCO_3 formed by three main elements: carbon, oxygen and calcium. It is the most useful and versatile material used in variety of application world wide. Purest calcium carbonate can be either produced from pure Calcite lumps or it can manufactured by passing Carbon Dioxide into a solution of Calcium Hydroxide ($\text{Ca}(\text{OH})_2$). Baba Group also provides imported Calcium Carbonate from around the world.

Being in the minerals industry for last 4 decades helps us extract the finest raw material from Ajmer and Makarana region, which is undoubtedly the finest region for its white material. The region is gifted with the largest source and variety of white material enabling to produce product of repute, known all over the world.

Baba group has its marketing team and offices set in overseas catering to the demands of its customers world wide.



INFRASTRUCTURE



BABA QUARTZ CAMPUS



QUARRY



RAW MATERIAL



SORTING BEFORE DRYING



SORTING



WASHER

INFRASTRUCTURE



OPERATOR TEAM



OPERATOR CABIN



GYRO SCREEN



BALL MILL MACHINERY



COLOR SORTER



MAGNETS



QUALITY CHECK

INFRASTRUCTURE



BABA ICD



STORAGE AREA



PACKAGING



CONTAINER STUFFING



CONTAINER LOADING

QA FACILITIES



QUALITY CONTROL TEAM



Q.A. LAB



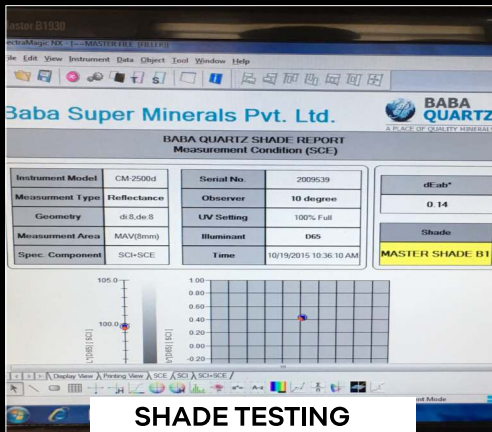
QUALITY CHECK



SPECTRO PHOTOMETER



MOISTURE ANALYSER



SHADE TESTING



MINERAL ACID TEST



STANDARD SIEVES



QUALITY CONTROL MONITOR



CHEMICAL TESTING

PURE QUARTZ GRITS & FILLER



0.063 mm - 0.2 mm



0.1 mm - 0.4 mm



0.3 mm - 0.7 mm



0.6 mm - 1.2 mm



1.2 mm - 2.5 mm



2.5 mm - 4.0 mm



4.0 mm - 6.0 mm



38 Microns

PARAMETERS

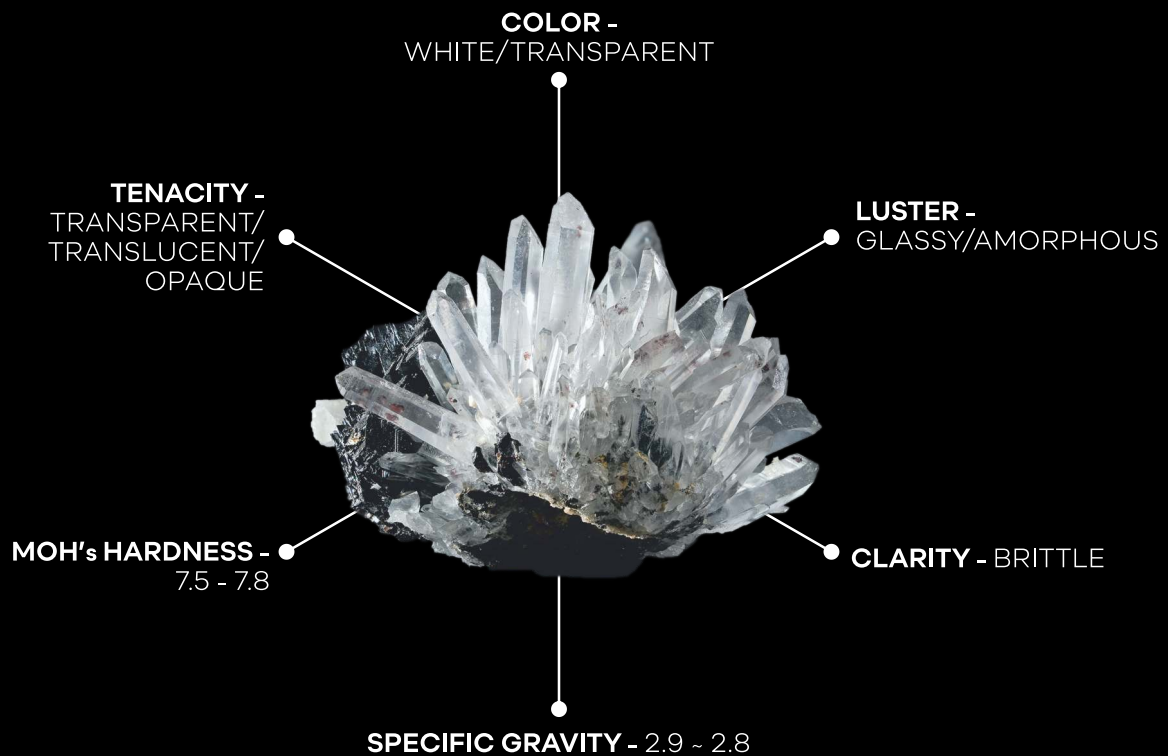
CHEMICAL PARAMETERS

SiO ₂	99.82
Al ₂ O ₃	0.01
Fe ₂ O ₃	0.01
CaO	0.01
MgO	TRACE
Na ₂ O	TRACE
K ₂ O	TRACE
TiO ₂	TRACE
MnO	TRACE

SPECIFICATION OF 1ST GRADE

BABA QUARTZ SIZE GRADE				Color & Whiteness	1 st Grade			SHADE			MOISTURE	
		Oversize in Range			Lower	SiO ₂ (Purity)	Fe ₂ O ₃	Free Iron	L*	A*		B*
0.1 mm - 0.4 mm	Over 30# : 0	Max 5	Min 85%	Max 10%	Transparent	99.5% Min.	0.01%	Nil	91	0.2	2	0.33%
0.3 mm - 0.7 mm	Over 18# : 0 (1 mm)	Max 5	Min 90%	Max 5%	Transparent	99.5% Min.	0.01%	Nil	88	0.2	1.5	0.33%
0.6 mm - 1.2 mm	Over 12# : 0 (1.7 mm)	Max 5	Min 90%	Max 10%	Transparent	99.5% Min.	0.01%	Nil	85	0.2	1.5	0.33%
1.2 mm - 2.5 mm	Over 7# : 0	Max 5	Min 90%	Max 10%	Transparent	99.5% Min.	0.01%	Nil	70 - 75	0.3	1.5	0.33%
2.5 mm - 4.0 mm	-	Max 5	Min 90%	Max 10%	Transparent	99.5% Min.	0.01%	Nil	62 - 65	0.4	1.5	0.33%
4.0 mm - 6.0 mm	Over 7# : 0	Max 5	Min 90%	Max 10%	Transparent	99.5% Min.	0.01%	Nil	55 - 60	0.4	1.5	0.33%
Filler 38 Microns	1% Max. on (400#)	D97 : 38 Microns			Extra Super White 96-97%	99.5% Min.	0.01%	Nil	98	0.25	1	0.33%
Filler 45 Microns	1% Max. on (325#)	D97 : 45 Microns			Extra Super White 96-97%	99.5% Min.	0.01%	Nil	98	0.25	1	0.33%
80 - 200 Mesh	Over 72# : 0	Max 5	Min 85%	Max 10%	Transparent	99.5% Min.	0.01%	Nil	91.25	0.13	2.15	0.33%

PHYSICAL PARAMETERS

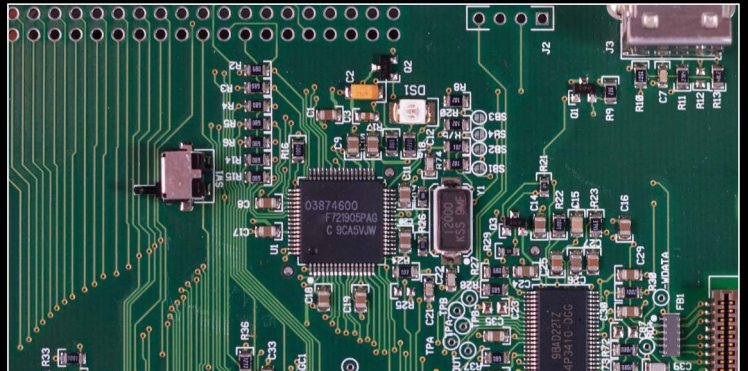


USES

ENGINEERED STONE



SILICON CHIPS & SEMICONDUCTORS



SOLAR PANEL GLASS



USES

SILICON METALS



CONTAINER GLASS



CONSTRUCTION CHEMICALS & PAINTS



BABA QUARTZ WORLD-WIDE



VISION

BABA GROUP believes that a healthy environment is not only complementary, but also critical to healthy business.

Our mission is to develop a high performance, high value products in order to satisfy our customers total needs.

THINK GREEN
SAVE THE WORLD





BABA QUARTZ®

Purity of Nature



Postal Address :

E - 4/5/6, Baba House, Laxminarayan Vihar Colony,
Ajmer Road, Madanganj-Kishangarh,
Dist. - Ajmer (Rajasthan), INDIA - 305801

Office Address :

Shri Nagar Industries Zone, N.H. - 79,
Village - Shri Nagar, Tehsil - Nasirabad,
Dist. - Ajmer (Rajasthan), INDIA - 305801

E-mail :

minerals.sales@babaquartz.com
info@babaquartz.com

Tel :

+91-73400 63821 | +91-73400 63521
+91-98291 90921

Website :

www.babaquartz.com/minerals/quartz/