



Minerals. Innovations.

• **Feldspar** • **Quartz** • **Silica** • **Clay** •



Minnovation Group, India

OUR BEST SERVICES

Potassium
Feldspar

Sodium
Feldspar

Quartz
Mineral

Washed
Clay

Minnovation Corp, India

Determined, Disciplined & Dedicated
to Deliver the Purest.



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About Company

- ▶ Most reliable supplier of **Quartz, Feldspar and Kaolin.**
- ▶ An **ISO 9001:2015 certified** company.
- ▶ Supplying **5000+ MT** minerals per month.
- ▶ **Owned mining quarries and processing plants** operating with modern technologies.
- ▶ Certified member of **CAPEXIL**, an organization of Ministry of commerce, Govt. of India.

About Founder



Mr. Atul K Baldi, (B. Tech.) A very young entrepreneur founded Minnovation Corp in year 2011.

Prior to starting this venture, he worked with MNCs like General Electric (GE Money, Bank division, Europe), American Express (USA).

With his vision and business acumen he has scaled business very fast and has built a team of dynamic mining professionals.

His technical expertise in minerals and understanding of client needs has helped in dealing top MNC clients. He is readily available to deliver tailored mineral solution to his customers.



Potassium Feldspar (K-SPAR)

TECHNICAL DATA SHEET:

PROPERTIES	PF01	PF02-A	PF02
Silica (SiO ₂)	66±1 %	68±1 %	68±1 %
Alumina (Al ₂ O ₃)	18±1 %	17±1 %	17±1 %
Potassium Oxide (K ₂ O)	11.5±0.5 %	10.5±0.5 %	10.5±0.5 %
Sodium Oxide (Na ₂ O)	2.5±0.5 %	3±0.5 %	3±0.5 %
Calcium Oxide (CaO)	< 0.5 %	< 0.5 %	< 0.5 %
Ferric Oxide (Fe ₂ O ₃)	<0.05 %	< 0.07%	< 0.06%
Magnesium Oxide (MgO)	< 0.30 %	< 0.50	< 0.50
Titanium Oxide (TiO ₂)	< 0.01 %	< 0.02%	< 0.02%
Loss on Ignition LOI (950oC)	< 1.00 %	< 1.00 %	< 1.00 %
Fired Appearance (at 1175-1220oC)	Milky White	Super White	Milky White

APPLICATION

In Frits, Ceramic Glaze, Glass, Welding Electrode manufacturing and fluxing agent in many other industries etc.



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Sodium Feldspar (N-SPAR)

TECHNICAL DATA SHEET:

PROPERTIES	SF01	SF02
Silica (SiO ₂)	69±1 %	70±2 %
Alumina (Al ₂ O ₃)	18±1 %	16±1 %
Potassium Oxide (K ₂ O)	< 0.5 %	< 1.00 %
Sodium Oxide (Na ₂ O)	10.5±0.5 %	9+ %
Calcium Oxide (CaO)	< 0.5 %	< 0.8 %
Ferric Oxide (Fe ₂ O ₃)	< 0.06 %	< 0.08 %
Magnesium Oxide (MgO)	< 0.30 %	< 0.50
Titanium Oxide (TiO ₂)	< 0.01 %	< 0.02%
Loss on Ignition LOI (950oC)	< 1.00 %	< 1.00 %
Fired Appearance (at 1175-1220 oC)	Milky White	Milky White

APPLICATION

**In Frits, Ceramic Glaze,
Glass manufacturing
and as fluxing agent in
many other industries.**



Quartz Mineral

TECHNICAL DATA SHEET:

PROPERTIES	Q501	Q502	Q503
Silica (SiO ₂)	> 99.30 %	> 99.00 %	> 98.00 %
Alumina (Al ₂ O ₃)	< 0.01 %	< 0.50 %	< 1.00 %
Potassium Oxide (K ₂ O)	< 0.01 %	< 0.15%	< 0.5 %
Sodium Oxide (Na ₂ O)	< 0.01 %	< 0.15 %	< 0.5 %
Calcium Oxide (CaO)	< 0.01 %	< 0.01%	< 0.5 %
Ferric Oxide (Fe ₂ O ₃)	< 0.03 %	< 0.05 %	< 0.1 %
Magnesium Oxide (MgO)	< 50 PPM	< 50 PPM	< 0.01 %
Titanium Oxide (TiO ₂)	< 0.01 %	< 0.01 %	< 0.015%
Loss on Ignition LOI (950oC)	< 0.10 %	< 0.10 %	< 0.50%
Fired Appearance (at 1175-1220 oC)	Super White	White	Off White

APPLICATION

In Quartz Surfaces, GRC (Glass Fiber Reinforced), Frit, Ceramic Glaze manufacturing, Epoxy Flooring, Paints, Oil Field and other industries.



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Washed Clay

TECHNICAL DATA SHEET:

PROPERTIES	LC01	LC03
Silica (SiO ₂)	48±1%	52±2%
Alumina (Al ₂ O ₃)	36±1%	30±3%
Potassium Oxide (K ₂ O)	<0.10%	<0.50%
Sodium Oxide (Na ₂ O)	<0.20%	<0.50%
Calcium Oxide (CaO)	<0.30%	<0.50%
Ferric Oxide (Fe ₂ O ₃)	0.5±0.2%	0.5±0.5%
Magnesium Oxide (MgO)	<0.10%	<0.50%
Titanium Oxide (TiO ₂)	1±0.5%	1.5±0.5%
Loss on Ignition LOI (950oC)	14±1%	15±2%
Water of Plasticity %	36±1%	#
L value	94+	75+
A Value	<1	<2
B value	<4	<8

APPLICATION

In Ceramic Glaze, Paints, Paper manufacturing and many other industries.



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Operations

Mining

MIC India owns mining quarries having deposits of very high grade feldspar and quartz.

We are in process to acquire more deposits in near future. We deploy latest machinery for quarrying and also manually sort extracted ore to remove all foreign contents.



Processing

We have 9 open circuit continuous flow ball mills, all equipped with latest machinery to remove foreign contents like Iron, mica etc.

Size: Our plants can produce powder of quartz and feldspar in mesh size of 80 to 500 and grains in size of 0 to 6 mm.

Packaging: We have capabilities to handle various type of packing like Bulk (loose), 25/40/50 KG bags or 1 to 1.4 MT jumbo bags. We also offer moisture-proof packing along with pallets and fumigation.



Operations

Quality Assurance

Quality is a parameter of utmost importance to us, we are least bothered about volume of our business but we are very determined and dedicated to deliver the purest quality products.

With our in house laboratory, raw materials are regularly tested before processing and also processed minerals are checked to ensure that they are at par in quality.



Logistics

Without safe and on time delivery all our efforts may go in vein, thus we consider logistic as very important aspect of our business, thus we have dedicated logistics team.

We have tie ups with very reputed logistics companies, which not only delivers consignments on time but handle them very carefully.

Above this we also provide regular updates on where abouts of the consignment so client can have peace of mind.



>> CSR Activities <<

We might not be very big in figures but we always aspire to perform big and thus to accomplish our responsibilities to our society, we are involved in some CSR activities.

- ◆ We plant at least 100 trees per year and more than that we have vowed to take care of each tree plant till the age of 5 years, so that our efforts produce effective results.
- ◆ We support and sponsor talented and needed sportspersons to nourish their talent. We provide these young talents necessary guidance and financial aid as well.

Regd. Office: >>

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B-231, R K Colony,
Near Rajeev Gandhi Garden,
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Works: >>

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>> *Thanks* <<