THE MINERAL SOLUTION COMPANY

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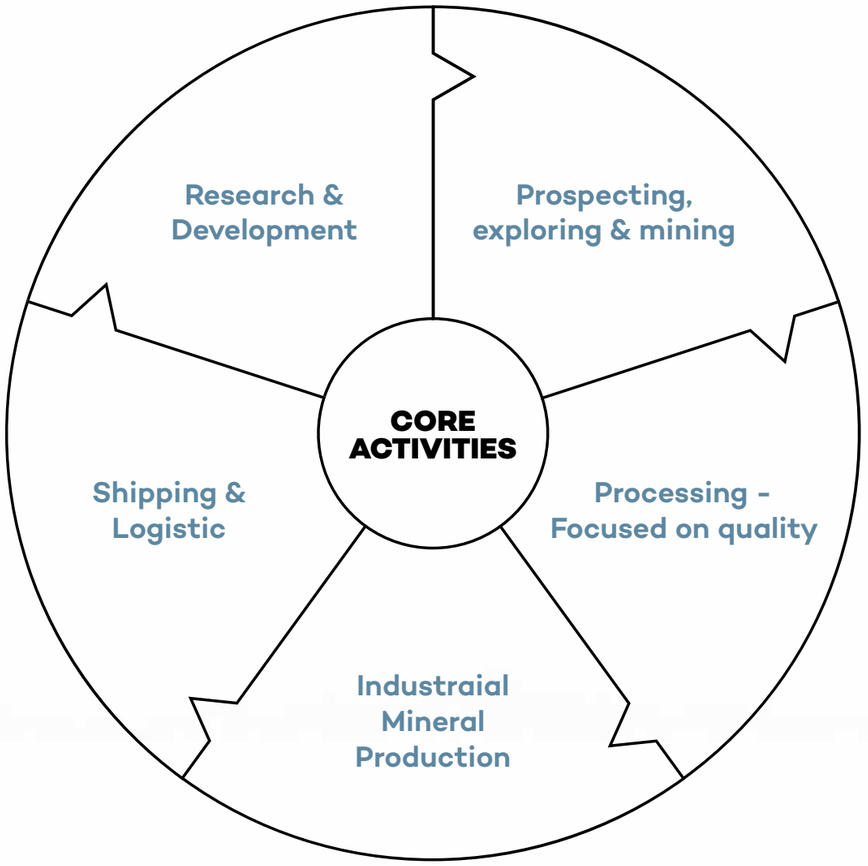
Ceramin believes in creating enduring partnerships with its clients and adding value by sharing information, identifying potential cost effective raw material solutions and creating regional resources to meet global & local demands.

About Us

- Founded in 2006
- Head Office : RAK, UAE
- Ceramin was formed from the growing need for total mineral solutions
- A regional leader in the supply of minerals



Prospecting, exploring & mining

Ceramin has in-depth knowledge of the specific properties of each mineral in the various grades and applications that provide most value. The refining and conversion process used to purify minerals and adapt them to precise industrial applications are adjusted for optimal functioning with a given reserve grade.

Ceramin believes in creating and developing high quality, regional resources close to you that deliver significant advantage by prospecting, mining and processing minerals.

Processing

Ceramin owns sodium and potassium feldspar processing plants in India. Ceramin processes high quality art grinding plant of Zirconium Silicate (Opacifier Grade) in January 2009 at Ras Al Khaimah UAE to meet regional demand. The brand ‘ZIRCOMIN’ is well established in Middle East ceramic industry.

A committed and experienced team works tirelessly to achieve the highest quality standards in the end products. Each consignment of minerals and composites goes through several quality check stages before it’s delivered to your doorstep.

Ceramin Owns Crushing and grinding plants in different location to process Feldspar for use in Ceramic, sanitary-ware and glass Industry.

Shipping & Logistic

Our shipping division has extensive experience in solving problems involved in mining logistics. In some cases, our division's fleet network and logistic capabilities have significantly increased the supply of small regional mining operations, opening up viable mineral resources to local producers and creating jobs in local communities. For you, it means a commitment of uninterrupted supply, guaranteed quality and a promise of delivery on time, every time.

Our edge lies in providing a seamless end-to-end solution, including managing the complete shipping and logistics requirement. We have dedicated team which works after load and sea transportation. Our forte lies in chartering bulk vessels at the most competitive sea-frights.

Research & Development

Research and development is one of the core functions at Ceramin. We have one of the largest state-of-the-art R&D facilities in the industry, at Ras Al Khaimah, UAE. Our R&D experts are continually evolving new compositions that deliver real cost advantages to our clients.

We are constantly striving to economies the overall ceramic body by reducing the material costs while improving the strength and character of the end product. We test the complete workability of our mineral compositions before we recommend them. This means you get to see and test the manufactured product before any commitment is made.

Customized Raw Material solutions

Ceramin is far more than simply a company that supplies raw materials to the ceramic industry. We understand that each client has unique objectives, distinct needs and specific manufacturing processes that are instrumental to their businesses.

Hence at Ceramin:

- Instead of simply offering a lower priced mineral, we believe in adding value at every stage of the chain and providing a complete cost effective mineral solution.
- We believe in partnering you, understanding your technical requirements and then suggesting the solution that uses minerals sourced regionally.
- We ensure that the composition is cost-effective and compatible to your industrial application.
- We strongly believe in building trust and enduring relationships.
- Solutions that conform to your manufacturing processes and quality benchmarks
- Holistic raw material supply solution
- Technically knowledgeable team
- Focus on partnerships with our clients

Products

BALL CLAY
NON PLASTIC CLAY
FELDSPAR
KAOLIN
ZIRCONIUM SILICATE
QUARTZ

FOLLOWING
PARAMETER REVEALS
THE SPECIFICATION
OR TECHNICAL
DATA SHEET OF THE
INDIVIDUAL MATERIALS

Ball Clay

Ball Clay is fine grained, sedimentary clay that usually white, grey and dark brown in color and it is a blend predominated by minerals such as Illite, Kaolinite, Hydro mica and Quartz. Our Ball clay have various grades like Plastic Ball clay, Semi plastic Ball clay and Non plastic clay.

APPLICATION

Due to its trademarks properties like plasticity, binding, green strength, Rheological stability and white firing is being used for Ceramics, Sanitary ware, Tableware, Wall & Floor tiles, Refractory, Electrical insulator etc.

PRODUCT CODE	PLASTIC BALL CLAY (EIB 01)	SEMIPLASTIC BALL CLAY (EIB 02)	SEMIPLASTIC BALL CLAY (MBC 05)	PLASTIC BALL CLAY (MBC 10)	BEN - IRN
PHYSICAL PARAMETERS					
Firing Temperature	1190°C to 1230°C	1190°C to 1230°C	1190°C to 1230°C	1190°C to 1230°C	1120°C
Cycle Time	37" to 60"	37" to 60"	37" to 60"	37" to 60"	37"
Green M.O.R (kg/cm2)	>10.00	>8.00	>7.00	>7.00	-
Dry M.O.R (kg/cm2)	> 25.00	> 12.00	> 12.00	> 15.00	> 15.00
Fired M.O.R (kg/cm2)	> 250.00	> 200.00	> 125.00	> 200.00	> 125.00
Fired Shrinkage (%)	< 8.00	< 7.50	< 9.00	< 10.00	< 6.00
Water Absorption (%)	< 6.00	< 9.00	< 12.00	< 7.00	< 16.00
FIRED COLOR VALUES					
L* Value	>75.00	>76.00	>82.00	>69.00	>65.00
a* Value	< 2.00	< 2.75	< 3.50	< 3.00	< 8.00
b* Value	< 15.00	< 19.00	< 12.00	< 23.00	< 22.00
CHEMICAL PARAMETERS					
Silica as SiO2 (%)	< 60.00	< 61.00	< 59.00	< 78.00	< 68.00
Alumina as Al2O3 (%)	> 25.00	> 25.00	> 32.00	> 14.00	> 10.50
Iron as Fe2O3 (%)	< 1.30	< 1.20	< 1.30	< 2.00	< 2.50
Titanium as TiO2 (%)	< 1.40	< 1.80	< 1.40	< 2.50	< 0.75
Calcium as CaO (%)	< 6.00	< 0.75	< 1.00	< 2.00	< 5.50
Magnesium as MgO (%)	< 0.75	< 0.50	< 0.75	< 1.00	< 4.20
Sodium as Na2O (%)	< 0.50	< 0.50	< 0.50	< 1.00	< 2.00
Potassium as K2O (%)	< 1.50	< 1.40	< 2.00	< 2.50	< 1.00
Loss on Ignition (%)	< 14.50	< 10.00	< 13.50	< 11.00	< 11.00

Non Plastic Clay

PRODUCT CODE	CNP 01
PHYSICAL PARAMETERS	
Firing Temperature	1190°C to 1230°C
Cycle Time	37" to 60"
Fired M.O.R (kg/cm2)	Min 50 Kg/cm2
Fired Shrinkage (%)	< 4.00
Water Absorption (%)	< 21.00
FIRED COLOR VALUES	
L* Value	> 91.00
a* Value	< 1.50
b* Value	< 10.00
CHEMICAL PARAMETERS	
Silica as SiO2 (%)	< 84.00
Alumina as Al2O3 (%)	> 15.00
Iron as Fe2O3 (%)	< 1.25
Titanium as TiO2 (%)	< 1.25
Calcium as CaO (%)	< 0.75
Magnesium as MgO (%)	< 0.75
Sodium as Na2O (%)	< 0.50
Potassium as K2O (%)	< 1.50
Loss on Ignition (%)	< 10.00

Sodium Feldspar

Sodium feldspar is a blend predominated by minerals such as Albite and Anorthite. It is mostly white, light grey in color. Our product is characterized by high fusibility and low impurities such as Iron, Titania and free Quartz in the matrix. Our product is in the form of Powder and Chips.

APPLICATION

Due to its alkali and alumina content acts as a vitrifying or fluxing agents and lowering the melting temperature and form a glossy phase. This Product widely being used in various application such as in fritz, glazes, engobe, white porcelain bodies in Ceramics, Premium Table ware bodies, Sanitary ware, Glass, Paints, Rubber industries etc.

PRODUCT CODE	Soda Feldspar (BS 01)	Sodic Potash (FMG 103)	Sodic Potash (PSF 01)	Soda Feldspar (TS 03)	Soda Feldspar (SF 01(P))
PHYSICAL PARAMETERS					
Form	Chips	Chips	Chips	Chips	Powder(200#)
Raw Color	Greyish White	Dull White	Yellowish Brown	Pale Yellowish	White
Firing Temperature	1190°C to 1230°C	1190°C to 1230°C	1190°C to 1230°C	1190°C to 1230°C	1110°C to 1230°C
Cycle Time	37" to 60"	37" to 60"	37" to 60"	37" to 60"	33" to 60"
FIRED COLOR VALUES					
L* Value	>60.00	>76.00	>67.00	>69.00	>83.00
a* Value	< 2.25	< 2.25	< 3.90	< 2.00	< 2.50
b* Value	< 8.00	< 8.00	< 14.00	< 14.00	< 4.50
CHEMICAL PARAMETERS					
Silica as SiO2 (%)	< 81.00	< 81.00	< 78.00	< 79.00	< 73.00
Alumina as Al2O3 (%)	>11.00	>11.00	>13.00	>11.00	>15.00
Iron as Fe2O3 (%)	< 0.52	< 0.35	< 0.60	< 0.35	< 0.10
Calcium as CaO (%)	< 0.65	< 1.20	< 1.00	< 2.00	< 1.25
Magnesium as MgO (%)	< 0.50	< 0.40	< 0.50	< 0.75	< 1.25
Sodium as Na2O (%)	>6.00	>2.50	>5.00	>5.50	>9.50
Potassium as K2O (%)	>0.20	>1.50	>3.00	>0.20	>2.50
Titanium as TiO2 (%)	< 0.20	< 0.20	< 0.50	< 0.35	< 0.05
Loss on Ignition (%)	< 1.50	< 2.00	< 1.50	< 1.00	< 1.00

Potassium Feldspar

Potassium feldspar is an alkali-alumino-silicate predominated by feldspathic minerals such as Orthoclase, Microcline and Sanidine. It is mostly pink, light pink, white and pinkish-brown in color. Our product is characterized by high alkali and low impurities such as Iron, Titania and free Quartz in the matrix. Our product is in the form of Powder and Chips.

APPLICATION

Due to its high alkali and alumina content acts as a vitrifying or flux agents and lowering the melting temperature and form a glossy phase. This Product widely being used in various application such as in Enamel fritz, Translucent glazes, Vitreous porcelain bodies in Ceramics, Table ware, Sanitary ware, Glass, Paints, Rubber industries etc.

PRODUCT CODE	Soda Feldspar (KG 03)	Potash Feldspar (5 KFCG)	Potash Feldspar (5 KFSPG)	Potash Feldspar (2KF 101 73)
PHYSICAL PARAMETERS				
Form	Chips	Chips	Chips	Powder(200#)
Raw Color	Pink	Pink	Pink	White
Firing Temperature	1190°C to 1230°C	1215 °C +/ -	1215 °C +/ -	1180 °C +/ -
Cycle Time	37" to 60"	40" +/ -(Soaking)	40" +/ -(Soaking)	52" +/ -
FIRED COLOR VALUES				
L* Value	> 55.00	> 69.00	> 73.00	> 73.00
a* Value	< 8.00	-	-	-
b* Value	< 10.00	-	-	-
CHEMICAL PARAMETERS				
Silica as SiO2 (%)	< 82.00	< 72.00	< 70.00	< 70.00
Alumina as Al2O3 (%)	> 10.00	> 17.00	> 17.00	> 16.50
Iron as Fe2O3 (%)	< 1.15	< 0.25	< 0.20	< 0.10
Calcium as CaO (%)	< 0.50	< 0.50	< 0.50	< 0.75
Sodium as Na2O (%)	> 0.50	> 2.80	> 2.50	> 2.00
Potassium as K2O (%)	> 5.00	> 8.00	> 8.50	> 10.00
Titanium as TiO2 (%)	< 0.35	< 0.05	< 0.05	< 0.05
Loss on Ignition (%)	< 2.75	< 1.00	< 1.00	< 1.00

Kaolin

Kaolin is a soft, white naturally occurring clay consist of minerals such as Kaolinite, Hydro mica, Muscovite and Anatase. Our products in the form of Raw Kaolin and Processed Kaolin.

APPLICATION

Raw Kaolin whiteness and strength are high so, it's being used for body preparation of tiles & englobe in Ceramics, Sanitary ware, Tableware. Processed Kaolin trademarks high whiteness, high alumina, adsorbency, chemical inertness and non-swelling capabilities, hence being used for Paints, Rubber, Paper, Pharmaceuticals and Agriculture.

PRODUCT CODE	AM1S	BM1S	DK 01	CDG 01
PHYSICAL PARAMETERS				
Firing Temperature	1190°C to 1230°C	1190°C to 1230°C	1190°C to 1230°C	1190°C to 1230°C
Cycle Time	37" to 60"	37" to 60"	37" to 60"	37" to 60"
Dry M.O.R (kg/cm2)	> 15.00	> 15.00	NIL	NIL
Fired M.O.R (kg/cm2)	> 150.00	> 180.00	> 20.00	> 80.00
Fired Shrinkage (%)	< 3.00	< 3.00	< 2.00	< 3.00
Water Absorption (%)	< 17.00	< 16.00	< 24.00	< 18.00
FIRED COLOR VALUES				
L* Value	> 92.00	> 90.00	> 92.50	> 91.00
a* Value	< 1.20	< 1.40	< 1.70	< 2.50
b* Value	< 6.50	< 7.00	< 6.00	< 7.50
CHEMICAL PARAMETERS				
Silica as SiO2 (%)	< 82.00	< 85.00	< 81.00	< 83.00
Alumina as Al2O3 (%)	> 11.00	> 9.50	> 11.50	> 10.00
Iron as Fe2O3 (%)	< 0.20	< 0.25	< 0.30	< 0.35
Calcium as CaO (%)	< 1.00	< 1.25	< 1.00	< 1.25
Magnesium as MgO (%)	< 0.25	< 0.25	< 0.50	< 0.40
Sodium as Na2O (%)	< 0.25	< 0.50	< 0.50	< 0.50
Potassium as K2O (%)	< 0.50	< 0.50	< 0.50	< 0.50
Titanium as TiO2 (%)	< 0.30	< 0.30	< 0.30	< 0.35
Loss on Ignition (%)	< 6.00	< 6.00	< 7.50	< 7.00

Kaolin

2.PROCESSED KAOLIN

PRODUCT CODE	CG1A	CG1B
PHYSICAL PARAMETERS		
Firing Temperature	1190°C to 1230°C	1190°C to 1230°C
Cycle Time	37" to 60"	37" to 60"
Fired Shrinkage (%)	< 6.00	< 6.50
Water Absorption (%)	< 18.00	< 20.00
FIRED COLOR VALUES		
L* Value	> 92.00	> 94.00
a* Value	< 1.50	< 2.00
b* Value	< 6.00	< 5.75
CHEMICAL PARAMETERS		
Silica as SiO2 (%)	< 48.00	< 51.00
Alumina as Al2O3 (%)	> 34.00	> 34.00
Iron as Fe2O3 (%)	< 1.00	< 0.75
Titanium as TiO2 (%)	< 1.50	< 0.75
Calcium as CaO (%)	< 1.00	< 0.60
Magnesium as MgO (%)	< 0.75	< 0.70
Sodium as Na2O (%)	< 0.75	< 0.50
Potassium as K2O (%)	< 1.00	< 0.75
Loss on Ignition (%)	< 14.00	< 13.50

Zirconium Silicate

Zirconium silicate is a white, odorless powder that is insoluble in water. It is composed of Zirconium, Silicon and Oxygen.

APPLICATION

Zirconium silicate is widely used in the ceramics industry. It is a key ingredient in the production of Ceramic glazes, Opacifiers, and Pigments. Due to its hardness, abrasion resistance, and chemical stability, its applications span various industries including Refractories, Dental materials and Abrasives.

CHEMICAL PARAMETERS	RANGE
Zirconium as ZrO2 + Hafnium as HfO2:	Min. 60.0 %
Silica as SiO2 (%)	Max. 39.0 %
Alumina as Al2O3 (%)	Max. 2.25 %
Iron as Fe2O3 (%)	Max. 0.15 %
Titanium as TiO2 (%)	Max. 0.50 %
Loss on Ignition (%)	Max. 2.00 %

GRANULOMETRY

Particle Size D(50)= 1.8 +/- 0.2 Micron

ORIGIN

Australian origin sand processed in UAE

PACKING

JUMBO BAGS/ 25 KGS/ 40 KGS HDPP BAGS

Zirconium Silicate

2.ZIRCOFLOUR

CHEMICAL PARAMETERS	RANGE
Zirconium as ZrO2 + Hafnium as HfO2:	Min. 63.0 %
Silica as SiO2 (%)	Max. 37.0 %
Alumina as Al2O3 (%)	Max. 2.00 %
Iron as Fe2O3 (%)	Max. 0.15 %
Titanium as TiO2 (%)	Max. 0.70 %
Loss on Ignition (%)	Max. 2.00 %

GRANULOMETRY

Particle Size - 45 Micron

ORIGIN

Australian origin sand processed in UAE

PACKING

JUMBO BAGS/ 25 KGS/ 40 KGS HDPP BAGS

Quartz

Quartz is a mineral composed of Silicon and Oxygen. It is abundant in igneous, metamorphic and sedimentary rocks. For our product we select only the high grade transparent lumps for processing.

APPLICATION

This product is rich in whiteness and purity, hence it is being used in super white bodies, engobe and glazes. Due to its hardness and inertness, it's being used in Paints, Cosmetics and Rubber industries.

PRODUCT CODE	Quartz(325#)
PHYSICAL PARAMETERS	
Form	Powder(200#)
Raw Color	White
Firing Temperature	1190°C to 1230°C
Cycle Time	37" to 60"
FIRED COLOR VALUES	
L* Value	> 96.00
a* Value	< 2.00
b* Value	< 2.75
CHEMICAL PARAMETERS	
Silica as SiO2 (%)	< 99.00
Alumina as Al2O3 (%)	> 0.70
Iron as Fe2O3 (%)	< 0.07
Calcium as CaO (%)	< 0.10
Magnesium as MgO (%)	< 0.10
Sodium as Na2O (%)	< 0.10
Potassium as K2O (%)	< 0.05
Titanium as TiO2 (%)	< 0.35
Loss on Ignition (%)	< 1.00

POTASH FELDSPAR

CODE : 2KF 118 70

PRODUCT DESCRIPTION & CHARACTERISTICS

2KF 118 70 is a selected high grade alkali-alumino-silicate predominated by Feldspathic minerals such as orthoclase and microcline. The feldspar is mined and processed in India as per the standard requirement of Ceramic Industries.

This product is characterized by high alkali content and low impurities such as Iron, Titania and free Quartz in the matrix. Sizing is done as per standard product requirement of the manufacturers.

PRODUCT APPLICATION

This product is widely being used in various application such as in fritz, glazes, engobe, white porcelain bodies, Premium Table ware & Sanitary ware bodies.

CHEMICAL ANALYSIS PARTICLE SIZE (Typical values on a % dry basis, unless stated)	
SiO2	< 70.00
Al2O3	> 16.50
Fe2O3	< 0.08
TiO2	< 0.02
CaO	< 1.00
Na2O	> 2.00
K2O	> 11.00

PARTICLE SIZE (Measured values)	
SIZE	200 #(75 microns)
PASSING	Min 98%

PHYSICAL PROPERTIES	
Temperature Cycle time	1250 +/- deg C. 34 +/- Minutes.
Fired color	Greyish white / White / Pinkish white
L* Value	> 70.00

OTHER INFORMATION (Measured values)	
PACKAGING	200 #(75 microns)
ORIGIN	Min 98%

NOTE : SLURRY PREPARED IN CERAMIC POT.

The feldspar is a natural occurring raw material. All the data are to be considered as indicative and terms of quality are strictly as per the commercial contract. Each customer is requested to evaluate the product for his own application. We will be pleased to discuss its best use and tolerances above specified limit on simple customer request.

WASHED SODA FELDSPAR

CODE :2SF WP 108 78

PRODUCT DESCRIPTION & CHARACTERISTICS

2SF WP 108 78 is a selected cost effective Sodium feldspar blend predominated by minerals such as Albite and Anorthite. The feldspar is mined and processed in India as per the standard requirement of Ceramic Industries.

This product is characterized by high fusibility and low impurities such as Iron, Titania and free Quartz in the matrix. Sizing is done as per standard product requirement of the manufacturers.

PRODUCT APPLICATION

This product is widely being used in various application such as in fritz, glazes, engobe, white porcelain bodies, Premium Table ware & sanitary ware bodies.

CHEMICAL ANALYSIS PARTICLE SIZE (Typical values on a % dry basis, unless stated)	
SiO2	< 75.00
Al2O3	> 15.00
Fe2O3	< 0.08
TiO2	< 0.02
CaO	< 2.00
Na2O	> 6.80
K2O	> 2.00
LOI	0.25 +/-0.0 5

PARTICLE SIZE (Measured values)	
SIZE	200 #(75 microns)
PASSING	Min 98%

PHYSICAL PROPERTIES	
Temperature Cycle time	1215 +/- deg C. 40 +/- Minutes.(Soaking)
Fired color	White
Moisture	< 17.00 %
Shrinkage	> 12.00 %
L* Value	> 85.00

OTHER INFORMATION (Measured values)	
PACKAGING	1.25/1.40 Mt Jumbo bags
ORIGIN	INDIA

NOTE : SLURRY PREPARED IN CERAMIC POT.

The feldspar is a natural occurring raw material. All the data are to be considered as indicative and terms of quality are strictly as per the commercial contract. Each customer is requested to evaluate the product for his own application. We will be pleased to discuss its best use and tolerances above specified limit on simple customer request.

WASHED POTASH FELDSPAR

CODE :2KF WP 118 70

PRODUCT DESCRIPTION & CHARACTERISTICS

2KF WP118 70 is a selected high-grade alkali-alumino-silicate predominated by feldspathic minerals such as orthoclase and microcline. The feldspar is mined and processed in India as per the standard requirement of Ceramic Industries.

This product is characterized by high alkali content and low impurities such as Iron, Titania and free Quartz in the matrix. Sizing is done as per standard product requirement of the manufacturers.

PRODUCT APPLICATION

This product is widely being used in various application such as in fritz, glazes, engobe, white porcelain bodies, Premium Table ware & sanitary ware bodies.

CHEMICAL ANALYSIS PARTICLE SIZE (Typical values on a % dry basis, unless stated)	
SiO2	< 72.00
Al2O3	> 16.50
Fe2O3	< 0.09
TiO2	< 0.02
CaO	< 1.00
Na2O	> 2.50
K2O	> 9.50
LOI	0.25 +/-0.0 5

PARTICLE SIZE (Measured values)	
SIZE	200 #(75 microns)
PASSING	Min 98%

PHYSICAL PROPERTIES	
Temperature Cycle time	1215 +/- deg C. 40 +/- Minutes.(Soaking)
Fired color	Greyish white / White / Pinkish white
Moisture	< 17.00 %
Shrinkage	> 11.50 %
L* Value	> 79.00

OTHER INFORMATION (Measured values)	
PACKAGING	1.25/1.4 Mt Jumbo bags
ORIGIN	INDIA

NOTE : SLURRY PREPARED IN CERAMIC POT.

The feldspar is a natural occurring raw material. All the data are to be considered as indicative and terms of quality are strictly as per the commercial contract. Each customer is requested to evaluate the product for his own application. We will be pleased to discuss its best use and tolerances above specified limit on simple customer request.

WASHED MIXED FELDSPAR

CODE :2KSF WP 109 75

PRODUCT DESCRIPTION & CHARACTERISTICS

2KSF WP109 75 is a selected high-grade alkali-alumino-silicate predominated by mixed feldspathic minerals such as orthoclase and microcline. The feldspar is mined and processed in India as per the standard requirement of Ceramic Industries.

This product is characterized by mixed alkali content and low impurities such as Iron, Titania and free Quartz in the matrix. Sizing is done as per standard product requirement of the manufacturers.

PRODUCT APPLICATION

This product is widely being used in various application such as in fritz, glazes, engobe, white porcelain bodies, Premium Table ware & sanitary ware bodies.

CHEMICAL ANALYSIS PARTICLE SIZE (Typical values on a % dry basis, unless stated)	
SiO2	< 74.00
Al2O3	> 16.00
Fe2O3	< 0.09
TiO2	< 0.02
CaO	< 1.00
Na2O	> 4.50
K2O	> 4.85
LOI	0.25 +/-0.0 5

PARTICLE SIZE (Measured values)	
SIZE	200 #(75 microns)
PASSING	Min 98%

PHYSICAL PROPERTIES	
Temperature Cycle time	1215 +/- deg C. 40 +/- Minutes.(Soaking)
Fired color	Greyish white / White / Pinkish white
Moisture	< 17.00 %
Shrinkage	> 11.50 %
L* Value	> 83.00

OTHER INFORMATION (Measured values)	
PACKAGING	1.25/1.4 Mt Jumbo bags
ORIGIN	INDIA

NOTE : SLURRY PREPARED IN CERAMIC POT.

The feldspar is a natural occurring raw material. All the data are to be considered as indicative and terms of quality are strictly as per the commercial contract. Each customer is requested to evaluate the product for his own application. We will be pleased to discuss its best use and tolerances above specified limit on simple customer request.

SODA FELDSPAR

CODE :2SF 108 78

PRODUCT DESCRIPTION & CHARACTERISTICS

2SF 108 78 is a selected cost effective Sodium feldspar blend predominated by minerals such as Albite and Anorthite. The feldspar is mined and processed in India as per the standard requirement of Ceramic Industries.

This product is characterized by high fusibility and low impurities such as Iron, Titania and free Quartz in the matrix. Sizing is done as per standard product requirement of the manufacturers.

PRODUCT APPLICATION

This product is widely being used in various application such as in fritz, glazes, engobe, white porcelain bodies, Premium Table ware & Sanitary ware bodies.

CHEMICAL ANALYSIS PARTICLE SIZE (Typical values on a % dry basis, unless stated)	
SiO2	< 70.00
Al2O3	> 16.50
Fe2O3	< 0.08
TiO2	< 0.02
CaO	< 1.00
Na2O	> 10.00
K2O	> 2.00

PARTICLE SIZE (Measured values)	
SIZE	200 #(75 microns)
PASSING	Min 98%

PHYSICAL PROPERTIES	
Temperature Cycle time	1180 +/- deg C. 38 +/- to 52 +/- Minutes.
Fired color	White
L* Value	> 78.00

OTHER INFORMATION (Measured values)	
PACKAGING	1/1.25 Mt Jumbo bags
ORIGIN	INDIA

NOTE : SLURRY PREPARED IN CERAMIC POT.

The feldspar is a natural occurring raw material. All the data are to be considered as indicative and terms of quality are strictly as per the commercial contract. Each customer is requested to evaluate the product for his own application. We will be pleased to discuss its best use and tolerances above specified limit on simple customer request.

SODA FELDSPAR

CODE :2SF 108 78

PRODUCT DESCRIPTION & CHARACTERISTICS

2KF 118 70 is a selected high grade alkali-alumino-silicate predominated by Feldspathic minerals such as orthoclase and microcline. The feldspar is mined and processed in India as per the standard requirement of Ceramic Industries.

This product is characterized by high alkali content and low impurities such as Iron, Titania and free Quartz in the matrix. Sizing is done as per standard product requirement of the manufacturers.

PRODUCT APPLICATION

This product is widely being used in various application such as in fritz, glazes, engobe, white porcelain bodies, Premium Table ware & Sanitary ware bodies.

CHEMICAL ANALYSIS PARTICLE SIZE (Typical values on a % dry basis, unless stated)	
SiO2	< 70.00
Al2O3	> 16.50
Fe2O3	< 0.08
TiO2	< 0.02
CaO	< 1.00
Na2O	> 2.00
K2O	> 11.00

PARTICLE SIZE (Measured values)	
SIZE	200 #(75 microns)
PASSING	Min 98%

PHYSICAL PROPERTIES	
Temperature Cycle time	1250 +/- deg C. 34 +/- Minutes.
Fired color	Greyish white / White / Pinkish white
L* Value	> 70.00

OTHER INFORMATION (Measured values)	
PACKAGING	1/1.25 Mt Jumbo bags
ORIGIN	INDIA

NOTE : SLURRY PREPARED IN CERAMIC POT.

The feldspar is a natural occurring raw material. All the data are to be considered as indicative and terms of quality are strictly as per the commercial contract. Each customer is requested to evaluate the product for his own application. We will be pleased to discuss its best use and tolerances above specified limit on simple customer request.

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