



LUXURRO MINERALS

EXPERTLY MINED, PERFECTLY DELIVERED



GLOBAL CLAYS

FROM EARTH TO EXCELLENCE.

BALL CLAY. KAOLIN CLAY. CALCIUM CLAY

FROM THE HEART OF THE EARTH TO YOUR INDUSTRY



Global Clays

At Luxurro Minerals, we bring together a diverse portfolio of industrial clays — Ball Clay, Kaolin Clay, and Calcium Clay — trusted worldwide for their purity, consistency, and performance. Each clay serves as a critical foundation for industries that demand strength, workability, and reliability.

- **Ball Clay:** Exceptional plasticity, fine particle size, and bonding strength for shaping and strengthening ceramics.
- **Kaolin Clay:** Renowned for whiteness, chemical inertness, and smoothness, enhancing ceramics, paper, paints, and coatings.
- **Calcium Clay:** Valued for its binding properties, absorbency, and strength enhancement across ceramics, refractories, and construction.

Processed to global quality standards, our clays are available in multiple grades to meet the precise requirements of industries worldwide. With Luxurro Minerals Global Clays, we deliver solutions that empower businesses to achieve durability, efficiency, and excellence in every application.

WHY LUXURRO MINERALS?



Premium Quality – High-purity Ball Clay, Kaolin Clay, and Calcium Clay processed to international standards.



Diverse Grades – Wide range of grades tailored to ceramics, sanitaryware, refractories, construction, and industrial use.



Consistency Guaranteed – Uniform particle size, controlled composition, and reliable performance across applications.



Global Standard Compliance: Meets international industrial specifications.



Optimised for Efficiency: Enhances product performance across industries.



SAFE, RELIABLE & READY TO DELIVER

PACKAGING SOLUTIONS



JUMBO BAG
(1 - 1.5 MT)



Bulk Shipment



CUSTOMISED PACKAGING SOLUTIONS

REACHING INDUSTRIES ACROSS THE WORLD



KEY HIGHLIGHTS

**20+ years
of experience**

**35000+ MT
Monthly Supply**

**358+
Clients**

**Premium Grade
Deposits**

**10+ Countries
we export**

**95% On-Time
Delivery**

PRECISION IN EVERY PARTICLE

TECHNICAL SPECIFICATIONS

(BALL CLAY)

GRADE: LUXURRO W.B.C.

CHEMICAL COMPOSITION

Silica as SiO2 (%)	47.34
Magnesium as MgO (%)	0.31
Alumina as Al2O3 (%)	35.56
Calcium as CaO (%)	0.28
Iron as Fe2O3 (%)	0.87
Sodium as Na2O (%)	0.39
Potassium as K2O (%)	0.50
Titanium as TiO2 (%)	1.05
Loss of Ignition (%)	13.34



PHYSICAL PROPERTIES

Shrinkage (%)	1.16
Loss on Ignition (%)	4.92
Dry M.O.R. (kg/cm2)	22.40
Fired M.O.R. (kg/cm2)	269.80
Water Absorption (%)	18.21
Water of Plasticity	34.40
T.D.S.	910
Residue (240#)	0.12
"L" Value	90.42
"a" Value	0.39
"b" Value	9.47
Whiteness	77.26

PRECISION IN EVERY PARTICLE

TECHNICAL SPECIFICATIONS (BALL CLAY)

GRADE: LUXURRO KMK-1

CHEMICAL COMPOSITION

Silica as SiO2 (%)	53.24
Magnesium as MgO (%)	0.28
Alumina as Al2O3 (%)	31.17
Calcium as CaO (%)	0.31
Iron as Fe2O3 (%)	1.15
Sodium as Na2O (%)	0.35
Potassium as K2O (%)	1.43
Titanium as TiO2 (%)	1.27
Loss of Ignition (%)	10.49



PHYSICAL PROPERTIES

Shrinkage (%)	8.18
Dry M.O.R. (kg/cm2)	38.20
Fired M.O.R. (kg/cm2)	376.80
Water Absorption (%)	5.93
Water of Plasticity	36
T.D.S.	440
Residue (240#)	0.26
"L" Value	88.61
"a" Value	1.04
"b" Value	12.03
Whiteness	73.26

PRECISION IN EVERY PARTICLE

TECHNICAL SPECIFICATIONS (BALL CLAY)

GRADE: LUXURRO SWA-1

CHEMICAL COMPOSITION

Silica as SiO2 (%)	51.67
Magnesium as MgO (%)	0.46
Alumina as Al2O3 (%)	31.43
Calcium as CaO (%)	1.26
Iron as Fe2O3 (%)	0.76
Sodium as Na2O (%)	0.40
Potassium as K2O (%)	0.71
Titanium as TiO2 (%)	0.53
Loss of Ignition (%)	12.70



PHYSICAL PROPERTIES

Shrinkage (%)	10.26
Dry M.O.R. (kg/cm2)	15.16
Fired M.O.R. (kg/cm2)	137.42
Water Absorption (%)	3.11
Water of Plasticity	32
T.D.S.	371
Residue (240#)	0.35
"L" Value	83.17
"a" Value	0.23
"b" Value	8.82
Whiteness	77.26

PRECISION IN EVERY PARTICLE

TECHNICAL SPECIFICATIONS

(BALL CLAY)

GRADE: LUXURRO HNB-2

CHEMICAL COMPOSITION

Silica as SiO2 (%)	52.10
Magnesium as MgO (%)	0.42
Alumina as Al2O3 (%)	30.67
Calcium as CaO (%)	0.87
Iron as Fe2O3 (%)	2.14
Sodium as Na2O (%)	0.43
Potassium as K2O (%)	0.92
Titanium as TiO2 (%)	0.73
Loss of Ignition (%)	11.64



PHYSICAL PROPERTIES

Shrinkage (%)	10.13
Dry M.O.R. (kg/cm2)	16.11
Fired M.O.R. (kg/cm2)	153.84
Water Absorption (%)	4.58
Water of Plasticity	36
T.D.S.	386
Residue (240#)	1.09
"L" Value	70.33
"a" Value	4.26
"b" Value	10.32

PRECISION IN EVERY PARTICLE

TECHNICAL SPECIFICATIONS (KAOLIN CLAY)

GRADE: LUXURRO KCI-A

CHEMICAL COMPOSITION

Silica as SiO2 (%)	49
Magnesium as MgO (%)	--
Alumina as Al2O3 (%)	38.70
Calcium as CaO (%)	--
Iron as Fe2O3 (%)	0.23
Sodium as Na2O (%)	--
Potassium as K2O (%)	--
Titanium as TiO2 (%)	0.25
Loss of Ignition (%)	13.10



PHYSICAL PROPERTIES

Fired Brightness(%)	91.00+
Bulk Density (gm/cc)	0.55
Moisture Content(%)	1.12
pH value	6.00
Residue (45micron)	0.90
<2 Micron	45

PRECISION IN EVERY PARTICLE

TECHNICAL SPECIFICATIONS (KAOLIN CLAY)

GRADE: LUXURRO KCI-B

CHEMICAL COMPOSITION

Silica as SiO2 (%)	47
Magnesium as MgO (%)	0.11
Alumina as Al2O3 (%)	37.55
Calcium as CaO (%)	0.13
Iron as Fe2O3 (%)	0.52
Sodium as Na2O (%)	1.20
Potassium as K2O (%)	1.10
Titanium as TiO2 (%)	0.90
Loss of Ignition (%)	13.40



PHYSICAL PROPERTIES

Fired Whiteness(%)	88.1
Free Silica (300#)	0.30
pH	8.3
Water Plasticity	37
Free Moisture	3.30
Dry Shrinkage (1100 C)	5.00

PRECISION IN EVERY PARTICLE

TECHNICAL SPECIFICATIONS

(CALCIUM CLAY)

GRADE: LUXURRO MNJ-S

CHEMICAL COMPOSITION

Silica as SiO2 (%)	11.08
Magnesium as MgO (%)	21.96
Alumina as Al2O3 (%)	0.75
Calcium as CaO (%)	25.52
Iron as Fe2O3 (%)	0.23
Sodium as Na2O (%)	0.33
Potassium as K2O (%)	0.13
Titanium as TiO2 (%)	0.01
Loss of Ignition (%)	39.81



PHYSICAL PROPERTIES

"L" Value	93.43
"a" Value	-1.21
"b" Value	7.87

CONNECT WITH US



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