



SPECIFICATIONS

<u>PRODUCT</u>	<u>CHINA CLAY</u>
Rates in INR Per Tonne:	2600 To 5400
Particle Size:	250 - 4000 (mesh)
State:	Powder
Whiteness:	80% to 87%
Brightness:	78% to 85%
Silica as SiO₂:	45% to 48%
CaCl₂:	0.4 to 0.6
Alumunium Oxide as Al₂O₃:	33% to 39%
Potassium Oxide as K₂O:	0.34%
Sodium Oxide as Na₂O:	0.64%
Titanium Oxide as TiO₂:	Below 0.5%
Ferrous Oxide as Fe₂O₃:	Below 1.5%
Calcium oxide as CaO:	Below 1%
Magnesium Oxide as MgO	Below 0.5%
Appearance/Color:	White
IUPAC Name:	Kaolin
Other Name:	Porcelain clay, Argilla, Hydrated Aluminum Silicate.
Molecular Weight:	258.156 g/mol
Molecular Formula:	Al₂H₄O₉Si₂, or Al₂Si₂O₅(OH)₄ or H₂Al₂Si₂O₈H₂O
Grade Standard:	Industrial Grade
pH Value:	8.1
Refractive index:	1.7
Specific Gravity:	2.52

Melting Point:	1700-1800°
Loss on ignition:	12% to 14%
Solubility:	Insoluble in ether and water
Oil absorption value:	39.5 ml/100gm
Acid Soluble:	2.3% – 2.5%
Acid Insoluble:	97.50%
Thermal Conductivity:	Low
Lumps:	Available
EC Number:	619-103-2 (ECHA)
CAS Number:	1332-58-7
PubChem CID:	56841936

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OUR PRODUCTS:

**DOLOMITE || CALCITE || SOAP STONE || CHINA CLAY ||
CALCIUM CHLORIDE || CALCIUM CARBONATE || MARBLE CHIPS**