

## KAOLIN- COSMETIC INDUSTRY GRADE

Kaolin / China clay has an ancient usage as a skincare product. Kaolin's absorbent properties cause it to extract oils and dirt from the skin. It is usually used in clay masks or as an ingredient to baths to soothe the scalp. Fine Powder helps the oil to be consumed and the fat to be the, based on how it is prepared. Fine kaolin powder is an essential component used to produce the sunscreen lotion.

## BENEFITS AND APPLICATIONS

- Sebum and impurities absorption for face masks
- Opacifying agent in shampoos and shower gels
- Rheology control in emulsions

**GRADE: – WHITE**

### Physical Parameters

Parameter	Specifications
Appearance	White Lumps
Moisture	5.00% max
Residue 300 BSS Mesh by wet sieving	1.00% max
Water of Plasticity	28 – 30 ml/100gm
pH @ 10% solid concentration	7.5 – 8.5
Brightness (ISO)	80 % (+/- 1%)
Total Shrinkage (1105oC ½ hour soak)	11.50% max
Fired Brightness – L* Value (1150oC)	90 – 92%

**Admin office:** 110 A Block City Center, Nr Idgah Circle Asarwa Bridge, Asarwa, Ahmedabad Gujarat 380 016 **INDIA**

**Plant:** Plot No. 410 Phase II, Vatva G. I. D. C. Industrial Estate, Vatva, Ahmedabad Gujarat 382 445 **INDIA**

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## Chemical Properties

Parameter	Specifications
SiO <sub>2</sub>	46.00 – 47.00%
Al <sub>2</sub> O <sub>3</sub>	36.50 – 37.50%
Fe <sub>2</sub> O <sub>3</sub>	00.30 – 00.38%
TiO <sub>2</sub>	00.90 – 01.10%
CaO + MgO	00.25 – 00.35%
Na <sub>2</sub> O + K <sub>2</sub> O	00.10 – 00.15%
L.O.I	13.25 – 13.75%

PACKING: As per requirement\*

ORIGIN: INDIA

\* Note: Specification & Chemical analysis can be furnished only when we get to know the grades / application desired by you.

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