

## ULTRAFINE (Calcined Kaolin)

ULTRAFINE is a premium grade high whiteness calcined kaolin available for partial replacement of costly Titanium dioxide pigment. It is extensively used in medium and high PVC water based interior and exterior emulsion paints. Also recommended for use in alkyd paint systems. It has very fine particle size distribution. ULTRAFINE provides special paint film properties in addition to improved optical properties. It can also be used as an alternative for synthetic aluminium silicate pigments.

### TYPICAL PHYSICAL PROPERTIES

Whiteness (AIMIL) (%)	95.0 – 96.5
500 mesh Residue (%), max	0.2
Average particle size D50	0.90
Particle size (-2 micron)	67 ± 1
Moisture (%), max	0.5
pH	6.0±0.5
Bulk Density (Un-tapped) (g/L)	290±25
Oil Absorption (g/100g)	60 ± 5
Flow Point (g/100g)	70 ± 10
LOI (900 °C) (%), max	0.5
Hegman grind	5.5+
Specific Gravity	2.6

#### KEY BENIFITS :

- > Easy dispersion
- > Smooth finish
- > Improved optical properties
- > Better hiding and coverage
- > Excellent scrub resistance
- > Improved tinting strength

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