

ULTIMA (Calcined Kaolin)

ULTIMA is fine white calcined kaolin an extender for TiO₂ exhibiting excellent brightness used extensively in high and medium based PVC emulsion paint, interior/exterior flat or low sheen water based and alkyd paint systems. ULTIMA improves hiding power and easy to disperse in water and oil based paints and a substantial replacement of synthetic aluminium silicates.

TYPICAL PHYSICAL PROPERTIES

Whiteness (AIMIL) (%)	95.0 – 96.5
500 mesh Residue (%)	Max. 0.3
Average particle size D50	0.95
Particle size (-2 micron)	63 ± 1
Moisture (%)	Max. 0.5
Specific Gravity	2.6
pH	6.0 ± 0.5
Bulk Density (Un-tapped) (g/L)	290 ± 25
Oil Absorption (g/100g)	40 – 60
Flow Point (g/100g)	55 – 75
LOI (900 °C) (%)	Max. 0.5

KEY BENIFITS :

- > Best Grindability
- > Better rheology
- > Low in impurities and chemically inert
- > Low abrasiveness
- > Excellent dispersion
- > High hiding and improved film properties

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