

Calcined Kaolin

Technical Data Sheet

CHARACTERISTICS

Calcined Kaolin is the best extender of titanium dioxide with excellent opacity that can improve efficiency and cut costs by partly replacing titanium dioxide. Calcined Kaolin can easily disperse in water or oil base. Superfine particle, excellent anti-settling property gives coating good tint opening effect. Good stability against any acid and alkali in common temperature gives coating excellent corrosion stability.

APPLICATIONS

Applicable in latex paint, road marking paints and powder coating etc.

Typical Properties

Whiteness (F 457) %	93.5 Min.	SiO ₂	52±0.5
Granularity(-2 μm, %)	88±2	Al ₂ O ₃	45±0.5
Visual Screening 325 mesh	0.003 Max.	Fe ₂ O ₃	0.35 Max.
Refractive Index	1.62	TiO ₂	0.5 Max.
Oil Absorption (g/100g)	65±5	CaO	0.3 Max.
pH Value	6.0~7.0	MgO	0.2 Max.
Dispersion (μm)	55 Max.	K ₂ O	0.05 Max.
Moisture %	0.5 Max.	Na ₂ O	0.15 Max.

Packing:

25 Kg's multi-layer paper bag and bulk bag are available.

Health and Safety Precautions

Relevant local health and safety guidelines should be followed. Gloves, safety goggles and respirator with submicron particle filtration should be worn. MSDS is available upon request.

Storage

Store the product indoors in clean and dry conditions, the shelf life of is 2 years if stored properly. First-in, first-out is highly recommended to ensure the performance of the product.

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