

Optisil-PS 20

Calcined Kaolin



Technical Data Sheet

Characteristics

Optisil PS 20 Calcined Kaolin is the best extender of titanium dioxide with excellent opacity that can improve efficiency and cut costs by partly replacing titanium dioxide. Optisil PS 20 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

Optisil PS 20 Calcined Kaolin can be applied to latex paint, powder coating etc.

Typical Properties

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

Packaging

25 Kg's multi layer paper - PE bag.

Storage

Store it in cool, dry place avoiding direct sunshine.

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