

# KAOSIL BS20

## Calcined Kaolin

### Product Description:

BS20 calcined kaolin is a grade with high brightness, super fine particle distribution and high oil absorption. It is providing excellent opacity and tinting ability in coating formulation performing as extender of titanium dioxide. It is providing good insulation power for thermal paper.

**Chemical Name:** Anhydrous aluminum silicate

**Main application:** Coating, paper.

### Typical Properties:

Properties	Standard
Brightness (TAPPI, %)	≥95
Brightness (ISO R457, %)	≥93
Particle size (-2μm, %)	86±2
Average particle size (D50, μm)	0.9±0.1
Screen residue (325 mesh, %)	≤0.005
Oil absorption (g/100g)	70±3
Dispersion (Hegman, μm)	≤45
Moisture (%)	≤0.5
pH	6.0-8.0

### Chemical Components:

SiO <sub>2</sub> (%)	Al <sub>2</sub> O <sub>3</sub> (%)	Fe <sub>2</sub> O <sub>3</sub> (%)	TiO <sub>2</sub> (%)	CaO (%)	Na <sub>2</sub> O (%)	K <sub>2</sub> O (%)	MgO (%)
52±2	45±2	≤0.8	≤1.3	≤0.5	≤0.2	≤0.1	≤0.2

### Packaging:

25 kg's multi layer paper – PE bag.

### Storage:

Store it in cool, dry place avoiding direct sunshine.

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