

## KaoSil - 80

Coating & High Grade Filler Clay



**ORIGIN:** India

**ITEM CODE:** KaoSil-80 (400#)

### SALIENT FEATURES

- Excellent Opacity
- Suspension Agent
- Viscosity Enhancer
- Anti-Caking Agent
- Scrub Resistance
- Enamel Holdout

### PHYSICAL PROPERTIES

Mean particle size (D50)	: 1.2 micron
Residue (> 45 micron)	: <0.08
Reflectance	: 82% (white in colour)
Brightness (ISO)	: 80 ± 1
Firing brightness at 1200 °C (ISO)	: 92 ± 1
pH Value	: 6 to 7
Specific gravity of kaolin mineral	: 2.60
Mohs hardness	: 2.0 – 2.5
Moisture content	: <4%
Oil absorption of powder (gm/100gm)	: 35 – 45

### TYPICAL

### CHEMICAL ANALYSIS

SiO <sub>2</sub> + Al <sub>2</sub> O <sub>3</sub>	: >82 ± 2%
TiO <sub>2</sub> + Fe <sub>2</sub> O <sub>3</sub>	: <1.5%
Alkaline Impurities	: <0.5%
Loss on Ignition	: 14 ± 1%
Application	: Filler, Insulation, Coating
Packaging	: 50kgs HDPE Laminated Bags/ 1250Kgs Jumbo Bags

### TYPICAL

Rev 2. Revised on 28.01.2019