

## ZH-80

### Product Description

ZH-80 is a calcined kaolin with high whiteness, ultra-fine particle size and uniform particle size distribution. It has the characteristics of moderate oil absorption, good extinction effect, low abrasion value and excellent opacity. It can significantly improve paper whiteness, smoothness and opacity, improve ink absorption, printing adaptability. It can partly replace titanium dioxide, reduce the cost of raw materials. In paint, it is easily dispersed and suspended in water.

### Main Applications

Paint, paper making and rubber.

### Typical Properties

Properties	Unit	Standard
Whiteness	R457, %	≥ 94
Particle size	-2 μm, %	85-88
Average particle size	D50, μm	0.8±0.1
Screen residue	325 mesh, %	≤ 0.005
Oil absorption	g/100g	≥ 64
Dispersion	Hegman, μm	≤ 50
Moisture	%	≤ 0.5
pH	-----	6.0-8.0

### Chemical Composition

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 (%)	MgO (%)	K <sub>2</sub> O (%)	Na <sub>2</sub> O (%)	MnO (%)
52±2	45±2	≤ 0.80	≤ 1.5	≤ 0.5	≤ 0.3	≤ 0.1	≤ 0.2	≤ 0.004