

Technical Data Sheet

Product name HS-801A Ultra Fine & Super White Calcined Kaolin

Character and Performance Very fine particle size with distribution in narrow range, and little residue on 325 mesh;
 Super whiteness, good light dispersion and high opacity;
 Great dispersibility, fluidity and chemical stability, never react with other solvents;
 Good suspending against sedimentation, used as an extender of titanium dioxide.
 It can improve the properties of paints such as scrub endurance, abrasion endurance, climate resistance and stability during storage. It is especially necessary in making the paints of low VOC and high solid content.

Application High-quality paints such as latex paint, powder coating, oily paint, etc.

Physical Specification

Specification	HS-801A
Whiteness (%)	≥93.5
Particle size (-2μm, %)	80-84
Residue on 325 mesh (%)	≤0.003
Oil absorbency (g/100g)	55-65
pH	6.0-8.0
Water content (%)	≤1.0
Average particle size (μm)	≤0.9
Refractivity	1.62
Desperdibility (μm)	≤45
Specific Gravity(g/m3)	2.65g/cm³

Chemical Specification

SiO ₂ (%)	Al ₂ O ₃ (%)	Fe ₂ O ₃ (%)	TiO ₂ (%)	CaO (%)	MgO (%)	K ₂ O (%)	Na ₂ O (%)	MnO (%)
52±2	45±2	≤0.5	≤0.8	<0.5	<0.3	<0.1	<0.2	<0.004