



SPECIFICATION

(FUJIAN KUNCAI MATERIAL TECHNOLOGY CO. LTD.)

Product Name: Crystal Silver White Series KC9000H

Appearance: A white color, free flowing powder with a sparkle luster.

| | Chemical Name | Specification | CAS No. | CI No. |
|--------------------------------------|-----------------------------------|---|------------|--------------------------|
| Ingredients & Composition | Synthetic Fluorophlogopite | (96 ~ 99)% | 12003-38-2 | - |
| | Titanium Oxide(TiO ₂) | (1 ~ 4)% | 13463-67-7 | 77891 |
| | - | - | - | - |
| Physical Properties | Particle Size Distribution (PSD) | 80% within the range (100 ~ 1000) μm | | Malvern Mastersizer 3000 |
| | D50 | (275.0 ± 10.0) μm | | Malvern Mastersizer 3000 |
| | Color | as KC STD | | Powder Color, Visual |
| | pH (10 % aqueous suspension) | 6.0 ~ 11.0 | | GB 1717 |
| | Loss on Ignition (LOI,105°Cx2hr) | (≤ 0.5) % | | GB 5211.3 |
| | Oil absorption value | (60.0 ~ 80.0) g oil / 100 g powder | | GB 5211.15 |
| | Bulk Density | (25.0 ~ 45.0) g/100cm ³ | | GB/T 23771 |
| | Density | (2.8 ~ 3.4) g/cm ³ (water=1) | | GBT 1713 |