



# SPECIFICATION

( FUJIAN KUNCAI MATERIAL TECHNOLOGY CO. LTD. )

**Product Name:** Exterior Silver Fine Satin KC9108-SW

**Appearance:** A free flowing off white powder with a silver luster.

| Ingredients<br>&<br>Composition  | Chemical Name                                  | Specification                           | CAS No.                        | CI No.                   |
|----------------------------------|--|---|--------------------------------|--------------------------|
|                                  | Mica   | (48 ~ 54)%                              | 12001-26-2                     | 77019                    |
|                                  | Titanium Oxide(TiO <sub>2</sub> )              | (41 ~ 47)%                              | 13463-67-7                     | 77891                    |
|                                  | Tin Oxide (SnO <sub>2</sub> )                  | (< 1)%                                  | 18282-10-5                     | 77861                    |
|                                  | Cerium Oxide (Ce <sub>2</sub> O <sub>3</sub> ) | (< 1)%                                  | 1345-13-7                      | 77280                    |
|                                  | Polymer  | (1 ~ 5)%                                | 2530-83-8                      | -                        |
|                                  | -  | -                                       | -                              | -                        |
|                                  | Physical<br>Properties                         | Particle Size Distribution (PSD)        | 90% within the range (< 15) μm |                          |
| D50                              |  | (7.0 ± 1.0) μm                          |                                | Malvern Mastersizer 3000 |
| Color                            |  | as KC STD                               |                                | Powder Color, Visual     |
| pH (10 % aqueous suspension)     |  | 4.0 ~ 9.0                               |                                | GB 1717                  |
| Loss on Ignition (LOI,105°Cx2hr) |  | ≤ 0.5 %                                 |                                | GB 5211.3                |
| Oil absorption value             |  | (60.0 ~ 90.0) g oil / 100 g powder      |                                | GB 5211.15               |
| Bulk Density                     |  | (20.0 ~ 40.0) g/100cm <sup>3</sup>      |                                | GB/T 23771               |
| Density                          |  | (2.8 ~ 3.4) g/cm <sup>3</sup> (water=1) |                                | GBT 1713                 |

**Address:**

Haicheng Road, Yuanhong Invest Zone, Fuqing (Fuzhou), Fujian, China. 350314, Tel: +86-591-85581871  
www.fjkuncai.com E-mail:xjh@fjkuncai.com

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