



# SPECIFICATION

( FUJIAN KUNCAI MATERIAL TECHNOLOGY CO. LTD. )

**Product Name:** Gold Luster Series KC319

**Appearance:** A reddish gold color, free flowing powder with a bright luster.

|                                      | Chemical Name                                    | Specification                           | CAS No.                           | CI No.                   |
|--------------------------------------|--|---|-----------------------------------|--------------------------|
| <b>Ingredients &amp; Composition</b> | Mica   | (39 ~ 47)%                              | 12001-26-2                        | 77019                    |
|                                      | Titanium Oxide(TiO <sub>2</sub> )                | (32 ~ 36)%                              | 13463-67-7                        | 77891                    |
|                                      | Iron(III) Oxide(Fe <sub>2</sub> O <sub>3</sub> ) | (21 ~ 25)%                              | 1309-37-1                         | 77491                    |
|                                      | Tin Oxide (SnO <sub>2</sub> )                    | (< 1)%                                  | 18282-10-5                        | 77861                    |
|                                      | -  | -                                       | -                                 | -                        |
|                                      | <b>Physical Properties</b>                       | Particle Size Distribution (PSD)        | 80% within the range (10 ~ 40) μm |                          |
| D50                                  |  | (18.0 ± 1.5) μm                         |                                   | Malvern Mastersizer 3000 |
| Color                                |  | as KC STD                               |                                   | Powder Color, Visual     |
| pH (10 % aqueous suspension)         |  | 7.0 ~ 11.0                              |                                   | GB 1717                  |
| Loss on Ignition (LOI,105°Cx2hr)     |  | (≤ 0.5) %                               |                                   | GB 5211.3                |
| Oil absorption value                 |  | (70.0 ~ 90.0) g oil / 100 g powder      |                                   | GB 5211.15               |
| Bulk Density                         |  | (15.0 ~ 30.0) g/100cm <sup>3</sup>      |                                   | GB/T 23771               |
| Density                              |  | (2.8 ~ 3.4) g/cm <sup>3</sup> (water=1) |                                   | GBT 1713                 |