



# SPECIFICATION

( FUJIAN KUNCAI MATERIAL TECHNOLOGY CO. LTD. )

**Product Name:** Gold Luster Series KC306

**Appearance:** A free flowing off gold powder with a bright luster.

|  | Chemical Name                                    | Specification                           | CAS No.    | CI No.                   |
|--|--|---|------------|--------------------------|
| <b>Ingredients<br/>&amp;<br/>Composition</b> | Mica   | (58 ~ 66)%                              | 12001-26-2 | 77019                    |
|  | Titanium Oxide(TiO <sub>2</sub> )                | (13 ~ 17)%                              | 13463-67-7 | 77891                    |
|  | Iron(III) Oxide(Fe <sub>2</sub> O <sub>3</sub> ) | (21 ~ 25)%                              | 1309-37-1  | 77491                    |
|  | -  | -                                       | -          | -                        |
| <b>Physical<br/>Properties</b>               | Particle Size Distribution (PSD)                 | 80% within the range (10 ~ 60) μm       |            | Malvern Mastersizer 3000 |
|  | D50  | (22.0 ± 2.0) 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                 |