



SPECIFICATION

(FUJIAN KUNCAI MATERIAL TECHNOLOGY CO. LTD.)

Product Name: Diamond Series KC9810C

Appearance: A free flowing off white powder with excellent effect of flash diamond white.

| | Chemical Name | Specification | CAS No. | CI No. |
|--------------------------------------|-----------------------------------|---|------------|--------------------------|
| Ingredients & Composition | Calcium Aluminum Borosilicate | (94 ~ 97)% | 65997-17-3 | - |
| | Titanium Oxide(TiO ₂) | (3 ~ 6)% | 13463-67-7 | 77891 |
| | Tin Oxide (SnO ₂) | (< 1)% | 18282-10-5 | 77861 |
| | - | - | - | - |
| Physical Properties | Particle Size Distribution (PSD) | 80% within the range (20 ~ 100) μm | | Malvern Mastersizer 3000 |
| | D50 | (52.5 ± 2.5) 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 | (50.0 ~ 80.0) g oil / 100 g powder | | GB 5211.15 |
| | Bulk Density | (30.0 ~ 60.0) g/100cm ³ | | GB/T 23771 |
| | Density | (2.8 ~ 3.4) g/cm ³ (water=1) | | GBT 1713 |

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