



SPECIFICATION

(FUJIAN KUNCAI MATERIAL TECHNOLOGY CO. LTD.)

Product Name: Diamond Series KC9805C

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

	Chemical Name	Specification	CAS No.	CI No.
Ingredients & Composition	Calcium Aluminum Borosilicate	(91 ~ 96)%	65997-17-3	-
	Titanium Oxide(TiO ₂)	(4 ~ 9)%	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