



SPECIFICATION

(FUJIAN KUNCAI MATERIAL TECHNOLOGY CO. LTD.)

Product Name: Crystal Gold Luster Series KC8106

Appearance: A metallic gold color, free flowing powder.

	Chemical Name	Specification	CAS No.	CI No.
Ingredients & Composition	Synthetic Fluorophlogopite	(43 ~ 47)%	12003-38-2	-
	Titanium Oxide(TiO ₂)	(42 ~ 47)%	13463-67-7	77891
	Iron(III) Oxide(Fe ₂ O ₃)	(8 ~ 10)%	1309-37-1	77491
	-	-	-	-
Physical Properties	Particle Size Distribution (PSD)	80% within the range (10 ~ 30) μm		Malvern Mastersizer 3000
	D50	(14.0 ± 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 ³		GB/T 23771
	Density	(2.8 ~ 3.4) g/cm ³ (water=1)		GBT 1713