



SPECIFICATION

(FUJIAN KUNCAI MATERIAL TECHNOLOGY CO. LTD.)

Product Name: Exterior Royal gold KC9303-SW

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

Ingredients & Composition	Chemical Name	Specification	CAS No.	CI No.
	Mica	(51 ~ 55)%	12001-26-2	77019
	Titanium Oxide(TiO ₂)	(19 ~ 22)%	13463-67-7	77891
	Iron(III) Oxide(Fe ₂ O ₃)	(20 ~ 23)%	1309-37-1	77491
	Tin Oxide (SnO ₂)	(< 1)%	18282-10-5	77861
	Cerium Oxide (Ce ₂ O ₃)	(< 1)%	1345-13-7	77280
	Polymer	(1 ~ 5)%	2530-83-8	-
	-	-	-	-
Physical Properties	Particle Size Distribution (PSD)	90% within the range (10 ~ 45) μm		Malvern Mastersizer 3000
	D50	(20.5 ± 1.5) μm		Malvern Mastersizer 3000
	Color	as KC STD		Powder Color, Visual
	pH (10 % aqueous suspension)	4.0 ~ 9.0		GB 1717
	Loss on Ignition (LOI,105°Cx2hr)	≤ 0.5 %		GB 5211.3
	Oil absorption value	(60.0 ~ 90.0) g oil / 100 g powder		GB 5211.15
	Bulk Density	(20.0 ~ 40.0) g/100cm ³		GB/T 23771
	Density	(2.8 ~ 3.4) g/cm ³ (water=1)		GBT 1713

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