



SPECIFICATION

(FUJIAN KUNCAI MATERIAL TECHNOLOGY CO. LTD.)

Product Name: DinaStar Series KC980-R1

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

	Chemical Name	Specification	CAS No.	CI No.
Ingredients & Composition	Calcium Aluminum Borosilicate	(82 ~ 93)%	65997-17-3	-
	Titanium Oxide(TiO ₂)	(7 ~ 18)%	13463-67-7	77891
	Tin Oxide (SnO ₂)	(< 2)%	18282-10-5	77861
	-	-	-	-
Physical Properties	Particle Size Distribution (PSD)	80% within the range (50 ~ 200) μm		Malvern Mastersizer 3000
	D50	(80.0 ± 2.5) μm		Malvern Mastersizer 3000
	Color	as KC STD		Powder Color, Visual
	pH (10 % aqueous suspension)	9.0 ~ 11.0		GB 1717
	Loss on Ignition (LOI,105°Cx2hr)	(≤ 0.5) %		GB 5211.3
	Oil absorption value	(60.0 ~ 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