



SPECIFICATION

(FUJIAN KUNCAI MATERIAL TECHNOLOGY CO. LTD.)

Product Name: Diamond Series KC9810D

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

	Chemical Name	Specification	CAS No.	CI No.
Ingredients & Composition	Calcium Aluminum Borosilicate	(95 ~ 98)%	65997-17-3	-
	Titanium Oxide(TiO ₂)	(2 ~ 5)%	13463-67-7	77891
	Tin Oxide (SnO ₂)	(< 1)%	18282-10-5	77861
	-	-	-	-
Physical Properties	Particle Size Distribution (PSD)	80% within the range (10 ~ 60) μm		Malvern Mastersizer 3000
	D50	(26.0 ± 2.0) 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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