



# SPECIFICATION

( FUJIAN KUNCAI MATERIAL TECHNOLOGY CO. LTD. )

**Product Name:** Diamond Series KC9815B

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

	Chemical Name	Specification	CAS No.	CI No.
<b>Ingredients &amp; Composition</b>	Calcium Aluminum Borosilicate	(90 ~ 96)%	65997-17-3	-
	Titanium Oxide(TiO <sub>2</sub> )	(4 ~ 10)%	13463-67-7	77891
	Tin Oxide (SnO <sub>2</sub> )	(< 1)%	18282-10-5	77861
	-	-	-	-
<b>Physical Properties</b>	Particle Size Distribution (PSD)	80% within the range (50 ~ 200) μm		Malvern Mastersizer 3000
	D50	(87.5 ± 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 <sup>3</sup>		GB/T 23771
	Density	(2.8 ~ 3.4) g/cm <sup>3</sup> (water=1)		GBT 1713