



# SPECIFICATION

( FUJIAN KUNCAI MATERIAL TECHNOLOGY CO. LTD. )

**Product Name:** Multi-Colour Series KC19835D

**Appearance:** A free flowing off white powder with a green/gold/white/red multicolor effect.

	Chemical Name	Specification	CAS No.	CI No.
<b>Ingredients &amp; Composition</b>	Synthetic Fluorophlogopite	(30 ~ 40)%	12003-38-2	-
	Titanium Oxide(TiO <sub>2</sub> )	(16 ~ 22)%	13463-67-7	77891
	Tin Oxide (SnO <sub>2</sub> )	(< 2)%	18282-10-5	77861
	Silicon Oxide (SiO <sub>2</sub> )	(38 ~ 48)%	7631-86-9	-
	Cobalt(III) Oxide(Co <sub>2</sub> O <sub>3</sub> )	(2 ~ 4)%	1308-04-9	-
	-	-	-	-
	<b>Physical Properties</b>	Particle Size Distribution (PSD)	80% within the range (10 ~ 45) μm	
D50		(25.0 ± 2.0) μm		Malvern Mastersizer 3000
Color		as KC STD		Powder Color, Visual
pH (10 % aqueous suspension)		5.0 ~ 8.0		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		(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