



SPECIFICATION

(FUJIAN KUNCAI MATERIAL TECHNOLOGY CO. LTD.)

Product Name: Multi-Colour Series KC19815D

Appearance: A free flowing off white powder with a red/violet/blue multicolor effect.

	Chemical Name	Specification	CAS No.	CI No.
Ingredients & Composition	Synthetic Fluorophlogopite	(50 ~ 60)%	12003-38-2	-
	Titanium Oxide(TiO ₂)	(16 ~ 22)%	13463-67-7	77891
	Tin Oxide (SnO ₂)	(< 2)%	18282-10-5	77861
	Silicon Oxide (SiO ₂)	(20 ~ 30)%	7631-86-9	-
	Cobalt(III) Oxide(Co ₂ O ₃)	(1 ~ 3)%	1308-04-9	-
	-	-	-	-
	Physical Properties	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 ³		GB/T 23771
Density		(2.8 ~ 3.4) g/cm ³ (water=1)		GBT 1713

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