



# SPECIFICATION

( FUJIAN KUNCAI MATERIAL TECHNOLOGY CO. LTD. )

**Product Name:** Multi-Colour Series KC19508F

**Appearance:** A mara flashing red/green multicolor effect powder.

	Chemical Name	Specification	CAS No.	CI No.
<b>Ingredients &amp; Composition</b>	Synthetic Fluorphlogopite	(34 ~ 44)%	12003-38-2	-
	Titanium Oxide(TiO <sub>2</sub> )	(3 ~ 5)%	13463-67-7	77891
	Iron(III) Oxide(Fe <sub>2</sub> O <sub>3</sub> )	(15 ~ 20)%	1309-37-1	77491
	Tin Oxide (SnO <sub>2</sub> )	(1 ~ 3)%	18282-10-5	77861
	Silicon Oxide (SiO <sub>2</sub> )	(28 ~ 38)%	7631-86-9	-
	-	-	-	-
	<b>Physical Properties</b>	Particle Size Distribution (PSD)	80% within the range (25 ~100) μm	
D50		(47.5 ± 2.5) μm		Malvern Mastersizer 3000
Color		as KC STD		Powder Color, Visual
pH (10 % aqueous suspension)		4.0 ~ 9.0		GB 1717
Loss on Ignition (LOI,105°Cx2hr)		(≤ 1.0) %		GB 5211.3
Oil absorption value		(60.0 ~ 90.0) g oil / 100 g powder		GB 5211.15
Bulk Density		(25.0 ~ 45.0) g/100cm <sup>3</sup>		GB/T 23771
Density		(2.8 ~ 3.4) g/cm <sup>3</sup> (water=1)		GBT 1713

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