



SPECIFICATION

(FUJIAN KUNCAI MATERIAL TECHNOLOGY CO. LTD.)

Product Name: Color Series KC4605

Appearance: A sparkle red color, free flowing powder with a bright pearl luster.

	Chemical Name	Specification	CAS No.	CI No.
Ingredients & Composition	Mica	(84 ~ 88)%	12001-26-2	77019
	Titanium Oxide(TiO ₂)	(12 ~ 16)%	13463-67-7	77891
	Pigment Red 112	(< 1)%	6535-46-2	12370
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Physical Properties	Particle Size Distribution (PSD)	80% within the range (20 ~ 100) μm		Malvern Mastersizer 3000
	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)	(≤ 0.5) %		GB 5211.3
	Oil absorption value	(60.0 ~ 90.0) g oil / 100 g powder		GB 5211.15
	Bulk Density	(15.0 ~ 40.0) g/100cm ³		GB/T 23771
	Density	(2.8 ~ 3.4) g/cm ³ (water=1)		GBT 1713

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