



SPECIFICATION

(FUJIAN KUNCAI MATERIAL TECHNOLOGY CO. LTD.)

Product Name: FC Series KC820W-FC

Appearance: A free flowing powder with a super twinkling penguin white luster.

Ingredients & Composition	Chemical Name	Specification	CAS No.	CI No.
	Synthetic Fluorophlogopite	(64 ~ 68)%	12003-38-2	-
	Titanium Oxide(TiO ₂)	(28 ~ 32)%	13463-67-7	77891
	Tin Oxide (SnO ₂)	(< 1)%	18282-10-5	77861
	Polymer	(1 ~ 5)%	2530-83-8	-
	Chromium Oxide(Cr ₂ O ₃)	(≤ 0.5)%	1308-38-9	77288
	-	-	-	-
	Physical Properties	Particle Size Distribution (PSD)	80% within the range (10 ~ 45) μm	
D50		(22.0 ± 2.0) 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 ~ 80.0) g oil / 100 g powder		GB 5211.15
Bulk Density		(25.0 ~ 45.0) g/100cm ³		GB 5211.15
Density		(2.8 ~ 3.4) g/cm ³ (water=1)		GBT 1713

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