



SPECIFICATION

(FUJIAN KUNCAI MATERIAL TECHNOLOGY CO. LTD.)

Product Name: Exterior Solar Orange KC820M2-SW

Appearance: A solar orange color, free flowing powder with a dazzling metal luster.

	Chemical Name	Specification	CAS No.	CI No.
Ingredients & Composition	Synthetic Fluorophlogopite	(40 ~ 44)%	12003-38-2	-
	Iron(III) Oxide(Fe ₂ O ₃)	(52 ~ 56)%	1309-37-1	77491
	Cerium Oxide (Ce ₂ O ₃)	(< 1)%	1345-13-7	77280
	Polymer	(1 ~ 5)%	2530-83-8	-
	-	-	-	-
	Physical Properties	Particle Size Distribution (PSD)	90% 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		(45.0 ~ 75.0) g oil / 100 g powder		GB 5211.15
Bulk Density		(30.0 ~ 50.0) g/100cm ³		GB/T 23771
Density		(2.8 ~ 3.4) g/cm ³ (water=1)		GBT 1713

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Revision Date: 2021-04-01 Version:2.0