



# SPECIFICATION

( FUJIAN KUNCAI MATERIAL TECHNOLOGY CO. LTD. )

**Product Name:** Exterior Rutile Fine Satin KC9111-SW

**Appearance:** An off-white color, free flowing powder with a pearl luster.

Ingredients & Composition	Chemical Name	Specification	CAS No.	CI No.
	Mica	(51 ~ 57)%	12001-26-2	77019
	Titanium Oxide(TiO <sub>2</sub> )	(37 ~ 42)%	13463-67-7	77891
	Tin Oxide (SnO <sub>2</sub> )	(< 1)%	18282-10-5	77861
	Cerium Oxide (Ce <sub>2</sub> O <sub>3</sub> )	(< 1)%	1345-13-7	77280
	Polymer	(1 ~ 5)%	2530-83-8	-
	-	-	-	-
Physical Properties	Particle Size Distribution (PSD)	90% within the range (< 15) μm		Malvern Mastersizer 3000
	D50	(7.0 ± 1.0) 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 ~ 90.0) g oil / 100 g powder		GB 5211.15
	Bulk Density	(20.0 ~ 40.0) 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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