



# SPECIFICATION

( FUJIAN KUNCAI MATERIAL TECHNOLOGY CO. LTD. )

**Product Name:** Mica Iron Metal Luster Series KC520

**Appearance:** A bronze satin color, free flowing powder with a bright metal luster.

	Chemical Name	Specification	CAS No.	CI No.
<b>Ingredients &amp; Composition</b>	Mica	(55 ~ 59)%	12001-26-2	77019
	Iron(III) Oxide(Fe <sub>2</sub> O <sub>3</sub> )	(41 ~ 45)%	1309-37-1	77491
	-	-	-	-
<b>Physical Properties</b>	Particle Size Distribution (PSD)	80% within the range (5 ~ 25) μm		Malvern Mastersizer 3000
	D50	(14.0 ± 1.5) μm		Malvern Mastersizer 3000
	Color	as KC STD		Powder Color, Visual
	pH (10 % aqueous suspension)	4.0 ~ 7.0		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	(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