



# SPECIFICATION

( FUJIAN KUNCAI MATERIAL TECHNOLOGY CO. LTD. )

**Product Name:** Mica Iron Metal Luster Series KC505

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

Ingredients & Composition	Chemical Name	Specification	CAS No.	CI No.
	Mica	(50 ~ 54)%	12001-26-2	77019
	Iron(III) Oxide( $\text{Fe}_2\text{O}_3$ )	(46 ~ 50)%	1309-37-1	77491
	-	-	-	-
Physical Properties	Particle Size Distribution (PSD)	80% within the range (10 ~ 60) $\mu\text{m}$		Malvern Mastersizer 3000
	D50	(22.0 $\pm$ 2.0) $\mu\text{m}$		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)	$\leq 0.5$ %		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

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