



SPECIFICATION

(FUJIAN KUNCAI MATERIAL TECHNOLOGY CO. LTD.)

Product Name: 3D Magnetic Series KC3D500

Appearance: A bronze color powder.

	Chemical Name	Specification	CAS No.	CI No.
Ingredients & Composition	Mica	(44 ~ 48)%	12001-26-2	77019
	Iron(III) Oxide(Fe ₂ O ₃)	(28 ~ 32)%	1309-37-1	77491
	Ferroferric Oxide(Fe ₃ O ₄)	(22 ~ 26)%	1317-61-9	77510
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Physical Properties	Particle Size Distribution (PSD)	80% within the range (10 ~ 60) μm		Malvern Mastersizer 3000
	D50	(22.0 ± 2.0) μm		Malvern Mastersizer 3000
	Color	as KC STD		Powder Color, Visual
	pH (10 % aqueous suspension)	6.0 ~ 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/T 23771
	Density	(2.8 ~ 3.4) g/cm ³ (water=1)		GBT 1713