



SPECIFICATION

(FUJIAN KUNCAI MATERIAL TECHNOLOGY CO. LTD.)

Product Name: Mica Iron Metal Luster Series KC500

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

| | Chemical Name | Specification | CAS No. | CI No. |
|--------------------------------------|--|---|------------|--------------------------|
| Ingredients & Composition | Mica | (61 ~ 65)% | 12001-26-2 | 77019 |
| | Iron(III) Oxide(Fe ₂ O ₃) | (35 ~ 39)% | 1309-37-1 | 77491 |
| | - | - | - | - |
| 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) | 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 ³ | | GB/T 23771 |
| | Density | (2.8 ~ 3.4) g/cm ³ (water=1) | | GBT 1713 |