



SPECIFICATION

(FUJIAN KUNCAI MATERIAL TECHNOLOGY CO. LTD.)

Product Name: Prussian Blue Series KC6035PB

Appearance: A free flowing of blackish green powder.

	Chemical Name	Specification	CAS No.	CI No.
Ingredients & Composition	Synthetic Fluorophlogopite	(34 ~ 37)%	12003-38-2	-
	Iron(III) Oxide(Fe ₂ O ₃)	(19 ~ 22)%	1309-37-1	77491
	Ferric Ferrocyanide	(41 ~ 45)%	14038-43-8	77499
	-	-	-	-
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 ~ 9.0		GB 1717
	Loss on Ignition (LOI,105°Cx2hr)	(≤ 0.5) %		GB 5211.3
	Oil absorption value	(70.0 ~ 90.0) g oil / 100 g powder		GB 5211.15
	Bulk Density	(15.0 ~ 40.0) g/100cm ³		GB/T 23771
	Density	(2.8 ~ 3.4) g/cm ³ (water=1)		GBT 1713