



# SPECIFICATION

( FUJIAN KUNCAI MATERIAL TECHNOLOGY CO. LTD. )

**Product Name:** Prussian Blue Series KC6825PB

**Appearance:** A free flowing of sapphire blue powder.

	Chemical Name	Specification	CAS No.	CI No.
<b>Ingredients &amp; Composition</b>	Synthetic Fluorophlogopite	(27 ~ 31)%	12003-38-2	-
	Titanium Oxide(TiO <sub>2</sub> )	(23 ~ 27)%	13463-67-7	77891
	Tin Oxide (SnO <sub>2</sub> )	(< 1)%	18282-10-5	77861
	Ferric Ferrocyanide	(41 ~ 45)%	14038-43-8	77499
	-	-	-	-
<b>Physical Properties</b>	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 <sup>3</sup>		GB/T 23771
	Density	(2.8 ~ 3.4) g/cm <sup>3</sup> (water=1)		GBT 1713

**Address:**

Haicheng Road, Yuanhong Invest Zone, Fuqing (Fuzhou), Fujian, China. 350314, Tel: +86-591-85581871  
www.fjkuncai.com E-mail:xjh@fjkuncai.com

Revision Date:2021-04-01 Version:2.0