

Ball Clay 黑色球黏土

ZZ05

➤ **Chemical Analysis (%):**

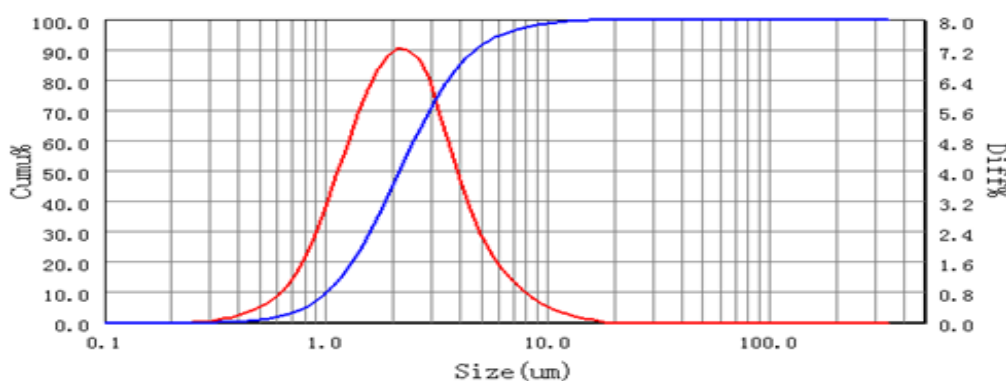
Test Date: 2018.1.13

Item	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	TiO ₂	CaO	MgO	K ₂ O	Na ₂ O	L.O.I
STD	-	≥32	≤0.49	≤0.20	-	-	-	-	11-14
Result	52.14	33.34	0.45	0.05	0.20	0.02	0.97	0.21	12.61

➤ **Physical Property:**

Item		Standard
黏度	Viscosity (S/100ml)	≤35''
密度	Density (g/cm ³)	1.45-1.58
水分	Moisture (%)	30±1
可塑性指數	Plasticity index	≥15
乾坯強度	Dry strength (70kgf/cm ²)	≥35
結合強度	Bond Strength (70kgf/cm ²)	≥15
瓷化燒成收縮(線性)	Firing Shrinkage (linear)%	8-11
瓷化白度值	Vitrified Whiteness @1200°C	≥89
藍光白度值	Firing Whiteness @1200°C	≥85

➤ **Particle Size Distribution:**



μm	%
0.1	0.00
0.5	0.95
1.0	9.84
1.5	27.26
2.0	45.30
2.5	60.35
5.0	91.66
6.0	94.74
10.0	98.98
20.00	100.00

➤ **Packing:** 1,100kgs/flecon bag; 22MTS/20'GP

Country of Origin: Fujian, China