



# Data Sheet

**CALCINED KAOLIN  
OPTIBRITE**

## DESCRIPTION :

Free flowing micronised white powder produced from controlled calcination of superwhite kaolin

## CHEMICAL ANALYSIS % :

CaO	:	< 0.5
SiO <sub>2</sub>	:	51+/-2
Fe <sub>2</sub> O <sub>3</sub>	:	< 0.5
Al <sub>2</sub> O <sub>3</sub>	:	47+/-2
TiO <sub>2</sub>	:	< 0.6
MgO+CaO	:	< 0.5
Na <sub>2</sub> O	:	< 0.2
K <sub>2</sub> O	:	< 0.1
MnO	:	< 0.004

## PHYSICAL PROPERTIES :

Whiteness (%)	> 92
Particle size (-10um, %)	> 98
Residue on 45um (%)	< 0.005
Oil absorbency (g/100g)	50-60
pH	7
Moisture (%)	< 0.5
Median particle size (um)	1,5
Refractive index	1.62
Loose bulk density (kg/m3)	500

## USES :

Manufacture of latex paints, automotive and powder coatings, high quality paints, resin and ceramics.

Completed :	T Carolin	Approved By _____	Approved :	S. Gregory
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