

# Mercap 100

## PRODUCT

Mineral | Air Float Kaolin

## CHEMICAL ANALYSIS

SiO <sub>2</sub>	(%)	45.1
Al <sub>2</sub> O <sub>3</sub>	(%)	38.1
Fe <sub>2</sub> O <sub>3</sub>	(%)	1.6
TiO <sub>2</sub>	(%)	1.5
K <sub>2</sub> O	(%)	0.2
Na <sub>2</sub> O	(%)	Trace
CaO	(%)	0.02
MgO	(%)	Trace
L.O.I	(%)	13.5
Zinc	(%)	27.0
SO <sub>3</sub>	(%)	0.5
P <sub>2</sub> O <sub>5</sub>	(%)	0.1

## TYPICAL PHYSICAL PROPERTIES

Raw Color	White	
G.E Brightness		70- 80
pH		4.0-5.0
Specific Gravity	(%)	2.6
Surface Area	(m <sup>2</sup> /g)	22- 26
Oil Absorption	(g/100g)	33- 38

## PARTICLE SIZE

Median	(microns)	0.3
+325 Mesh	(% retained)	0.25 Max
% < 20	(microns)	99
% < 10	(microns)	99
% < 5	(microns)	97
% < 2	(microns)	93
% < 1	(microns)	86
% < 0.5	(microns)	72

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