

KAOLIN, KAOPaque 20

SiO ₂	45.24%
Al ₂ O ₃	39.49
Fe ₂ O ₃	0.32
TiO ₂	0.67
MgO	0.03
CaO	0.21
K ₂ O	0.03
Na ₂ O	0.03
L.O.I.	13.99
P.C.E.	Cone 36

Geological Source:

Hydrothermal: steam, boron, fluorine and tin vapors attacking soda feldspar in granites and pegmatites over 250 million years ago.

Characteristics:

Kaolins are white-burning clays composed predominantly of the minerals kaolinite or livesite with melting points above 3100°F. Kaolin is an important source of alumina and is useful in glazes as a particle suspender and to reduce glaze fluidity.