



BURGESS OPTIPOZZ

CALCINED ALUMINUM SILICATE

BURGESS OPTIPOZZ® is a high reactivity metakaolin produced by a patented process. Burgess OPTIPOZZ increases chemical resistance and durability, and reduces shrinkage. An OPTIPOZZ mix design will yield higher initial and long term strength. Additionally, the use of OPTIPOZZ will result in reduced efflorescence. Our strict process control allows for better whiteness and a clean color with outstanding batch to batch consistency. The use of OPTIPOZZ will eliminate the undertone associated with other pozzolans.

BURGESS OPTIPOZZ® is classified as a CLASS N POZZOLAN under ASTM C-618.

Typical Physical Properties

Visual Color Cream White

Particle Structure Amorphous

325 Mesh Residue % 0.09

Average Particle Size Sedigraph 1.4 μ

Free Moisture % Max 0.5

Specific Gravity 2.2

pH (20% Solids) 4.0

Typical Chemical Properties

Silica (SiO_2) % 51.0 – 52.4

Alumina (Al_2O_3) % 42.1 – 44.3

Iron Oxide (Fe_2O_3) % 0.30 – 0.50

Titanium Dioxide (TiO_2) % 1.56 – 2.50

Issue Date: CD00F

The suggestions and data contained in this bulletin are based on data which are believed to be reliable. They are offered in good faith, to be applied according to the user's own best judgment. Since operating conditions in the processor's plant are beyond our control, Burgess Pigment Company cannot assume responsibility for any risks or liabilities which may result from the use of its products. Likewise, no liability is assumed for any claimed patent infringement occurring by reason of any method or manner of use, or any product made by a consumer. While the Burgess Pigment Company guarantees the quality of its products, it cannot give any warranty regarding the results obtained by the use thereof.