



BURGESS OPTIWHITE UF

CALCINED ALUMINUM SILICATE

BURGESS OPTIWHITE® UF is a state of the art extender with superior brightness, delivering unsurpassed wet and dry opacity. It is derived from ultrapure hydrous feedstock, then further processed using flash calcination. During flash calcination, particles remain separated which prevents the formation of aggregates, allowing for fine particle distribution. These fine particles have internal air voids that cannot be wet out thus achieving superior light refractivity.

Typical Physical Properties

GE Brightness % 95

325 Mesh Residue % 0.15

Average Particle Size Sedigraph 0.8 - 0.85 μ

Free Moisture % Max 0.5

Specific Gravity 2.6

Refractive Index 1.62

pH (20% Solids) 5.5 - 6.2

Typical Chemical Properties

Silica (SiO_2) % 51.0 – 52.4

Alumina (Al_2O_3) % 42.1 – 44.3

Iron Oxide (Fe_2O_3) % Trace

Titanium Dioxide (TiO_2) % .75 - 1.00

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