

Continuing a Legacy of
Customer Focus and Innovation
functional anhydrous and hydrous aluminum silicates

Burgess Pigment

BURGESS OPTIWHITE®

CALCINED ALUMINUM SILICATE

BURGESS OPTIWHITE® is a premium whiteness flash calcined extender for TiO₂ exhibiting excellent GE Brightness used extensively in First Line interior/exterior flat or low sheen water based and alkyd paint systems. BURGESS OPTIWHITE® exhibits excellent whiteness retention and hiding when embedded in coatings and polymers.

BURGESS OPTIWHITE® offers excellent dispersion, high hiding, and improved film properties. BURGESS OPTIWHITE® may be used in combination with an ultrafine particle size hydrous clay – NO. 28/NO. 98 to produce a satin finish sheen paint.

Typical Physical Properties		Typical Chemical Properties	
GE Brightness %	91	Silica (SiO ₂) %	51.0 – 52.4
325 Mesh Residue %	0.05	Alumina (Al ₂ O ₃) %	42.1 – 44.3
Average Particle Size Sedigraph	1.4 μ	Iron Oxide (Fe ₂ O ₃) %	Trace
Free Moisture %	0.10	Titanium Dioxide (TiO ₂) %	1.56 – 2.50
Specific Gravity	2.2		
Refractive Index	1.62		
pH (20% Solids)	5.5		

Issue Date: CD00F

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