

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

Burgess Pigment

BURGESS "XP"

CALCINED ALUMINUM SILICATE

BURGESS "XP" is a calcined kaolin clay which has undergone precisely controlled calcination (thermal exposure) to minimize acid soluble substances. "XP" exhibits excellent dispersion, low 325 mesh residue and excellent brightness.

Typical Physical Properties		Typical Chemical Properties	
GE Brightness %	92.0	Loss on Ignition	0.1
325 Mesh Residue %	0.0025	Silica (SiO ₂) %	51.0 – 52.4
Average Particle Size Sedigraph	1.5 μ	Alumina (Al ₂ O ₃) %	42.1 – 44.3
Free Moisture % Max	0.25	Iron Oxide (Fe ₂ O ₃) %	0.5
Specific Gravity	2.63	Titanium Dioxide (TiO ₂) %	1.56 – 2.50
Refractive Index	1.62	Acid soluble aluminum	<1.0%
pH (20% Solids)	5.5		

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