BURGESS NO. 50

CALCINED ALUMINUM SILICATE

BURGESS NO. 50 is a high brightness, fine particle size calcined kaolin that is an excellent extender of TiO2 in coatings or polymeric systems. BURGESS NO. 50 facilitates reduction of prime pigment while maintaining opacity, whiteness, and tint strength of coatings and retention of physical properties in filled polymeric systems.

BURGESS NO. 50 is also suitable for use in polishes or other end uses in which excellent dispersion and low 325 mesh residue are required.

Typical Physical Properties

GE Brightness % 93.0

325 Mesh Residue % 0.002

Average Particle Size Sedigraph 0.75 µ

Free Moisture % Max 0.5

Specific Gravity 2.63

Refractive Index 1.62

pH (20% Solids) 5.5

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) % 1.56 – 2.50

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