

BURGESS ICEBERG

CALCINED ALUMINUM SILICATE

BURGESS ICEBERG® is a conventionally calcined medium particle size 91-93 GE Brightness clay used as an extender of TiO₂ in trade sales interior/exterior flat paints, filler/extender in flexible PVC having aesthetics rather than electrical requirements, EPDM wire and cable insulation compound, pharmaceutical rubber, and filler in polyurethane sealants.

BURGESS ICEBERG® has several advantages: better touchup; better opacity; higher degree of whiteness; better tint strength; easy dispersion and very low moisture levels in a moisture sensitive application; replacement of more costly carbon black.

Typical Physical Properties

GE Brightness % 92.0

325 Mesh Residue % less than 0.0100

Average Particle Size Sedigraph 1.4 μ

Free Moisture % Max 0.25

Specific Gravity 2.63

Refractive Index 1.62

pH (20% Solids) 5.5

Typical Chemical Properties

Loss On Ignition % 0.15

Silica (SiO₂) % 51.0 – 52.4

Alumina (Al₂O₃) % 42.1 – 44.3

Iron Oxide (Fe₂O₃) % 0.5

Titanium Dioxide (TiO₂) % 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.