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 % 0.05

Average Particle Size Sedigraph 1.4 µ

Free Moisture % Max 0.5

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

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