



BURGESS ICECAP K

CALCINED ALUMINUM SILICATE

BURGESS ICECAP K® is an excellent extender for TiO₂ in coatings where a high hegman grind is required. The lowscreen residue, due to the removal of agglomerates, makes it a leader in the field of calcined kaolins. Applications include wire and cable, molded and extruded rubber and plastic products.

BURGESS ICECAP K® has good electricals, low compression set, and low water absorption.

Typical Physical Properties

GE Brightness % 92.0

325 Mesh Residue % 0.0008

Average Particle Size Sedigraph 1.5 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 % 0.1

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.