# BURGESS 2211

## SURFACE MODIFIED CALCINED ALUMINUM SILICATE

BURGESS 2211 has been specifically developed for use in mineral filled nylon applications. Burgess 2211, amino silane treated Icecap K, offers dramatic advantages in physical properties compared to untreated fillers. Low warpage and high impact strengths are key advantages.

BURGESS 2211 offers functionality and savings in other thermoplastics as well such as polyterephthalate, urethane, PVC, polyester, and other.

**Typical Physical Properties**

GE Brightness % 90.0

325 Mesh Residue % Max 0.03

Average Particle Size Sedigraph 1.5 µ

Free Moisture % Max 0.5

Specific Gravity 2.63

Refractive Index 1.62

pH (20% Solids) 9.5

**Typical Chemical Properties**

Loss On Ignition % 0 – 1.0

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

**Issue Date: TD00F**

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.

P.O.Box 349 | 525 Beck Blvd. | Sandersville, GA 31082 USA | 1.800.841.8999 USA Only
478.552.2544 | Fax 478.552.4274 | info@burgesspigment.com

ISO 9001