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	**Typical Chemical Properties**
GE Brightness % 90.0	Loss On Ignition % 0 – 1.0
325 Mesh Residue % Max 0.03	Silica (SiO_2) % 51.0 – 52.4
Average Particle Size Sedigraph 1.5 µ	Alumina (Al_2O_3) % 42.1 – 44.3
Free Moisture % Max 0.5	Iron Oxide (Fe_2O_3) % Trace
Specific Gravity 2.63	Titanium Dioxide (TiO_2) % 1.56 – 2.50
Refractive Index 1.62	
pH (20% Solids) 9.5	

Issue Date: TD00F

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