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

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