BURGESS CB

SURFACE MODIFIED CALCINED ALUMINUM SILICATE

BURGESS CB has been designed for use in EPR, EPT, crosslinked polyethylene, and polyester. It yields excellent dispersion in these systems with minimum work. CB gives excellent wet and dry electricals by means of lower water vapor transmission.

BURGESS CB allows for higher filler loading in polyester bulk and sheet molding compounds and clay filled epoxies due to reduced viscosity. Better dispersion through easier polymer wetting of the filler is another advantage obtained with Burgess CB clay.

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) 7.0

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

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