BURGESS 5178

SURFACE MODIFIED CALCINED ALUMINUM SILICATE

BURGESS 5178 has been specially designed to provide excellent wet and dry electrical properties through a proprietary surface treatment.

BURGESS 5178 is hydrophobic and a chemical bond between the calcined clay and the polymer exists. Dispersion characteristics also dramatically improve over non-treated counterparts.

Typical Physical Properties	**Typical Chemical Properties**
GE Brightness % 90.0	Loss On Ignition % 0 – 1.0
325 Mesh Residue % 0.03	Silica (SiO2) % 51.0 – 52.4
Average Particle Size Sedigraph 1.5 µ	Alumina (Al2O3) % 42.1 – 44.3
Free Moisture % Max 0.5	Iron Oxide (Fe2O3) % Trace
Specific Gravity 2.63	Titanium Dioxide (TiO2) % 1.56 – 2.50
Refractive Index 1.62	
pH (20% Solids) N/A	

Issue Date: TD00F

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