



BURGESS NO. 20

HYDROUS ALUMINUM SILICATE

BURGESS NO. 20 is a fine particle size, medium brightness hydrous kaolin clay. Burgess NO. 20 is the neutral pH version of Burgess NO. 60.

BURGESS NO. 20 is used in jacketing layer of wire and cable insulation compounds, rubber roll covers, polishing compounds and concrete curing compounds.

Typical Physical Properties

GE Brightness % 86.0

325 Mesh Residue % 0.01

Average Particle Size Sedigraph 0.5 μ

Free Moisture % Max 1.0

Specific Gravity 2.63

Refractive Index 1.56

pH (20% Solids) 6.9

Typical Chemical Properties

Loss On Ignition % 13.7 – 14.1

Silica (SiO₂) % 44.8 – 45.3

Alumina (Al₂O₃) % 37.5 – 39.7

Iron Oxide (Fe₂O₃) % Trace

Titanium Dioxide (TiO₂) % 1.35 – 2.27

Issue Date: HD00F

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.