



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 (SiO_2) % 44.8 – 45.3

Alumina (Al_2O_3) % 37.5 – 39.7

Iron Oxide (Fe_2O_3) % Trace

Titanium Dioxide (TiO_2) % 1.35 – 2.27

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