



BURGESS NO. 86

AIR-FLOATED HYDROUS ALUMINUM SILICATE

BURGESS NO. 86 is a fine particle size, air-floated clay used in primers, adhesives, ink, and paints.

BURGESS NO. 86 is a low residue version of Burgess No. 80 and exhibits excellent dispersion, low soluble salts, and moderate brightness.

Typical Physical Properties

GE Brightness % 82.0

325 Mesh Residue % 0.01

Average Particle Size Sedigraph 0.35 μ

Free Moisture % Max 1.0

Specific Gravity 2.63

Refractive Index 1.56

pH (20% Solids) 4.9

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

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