

BURGESS NO. 40

HYDROUS ALUMINUM SILICATE

BURGESS NO. 40 is a median particle size, medium brightness hydrous kaolin clay used in trade sales coatings and adhesives.

BURGESS NO. 40 is an acid pH clay exhibiting excellent dispersion properties.

Typical Physical Properties

GE Brightness % 85.0

325 Mesh Residue % 0.15

Average Particle Size Sedigraph 1.3 μ

Free Moisture % Max 1.0

Specific Gravity 2.63

Refractive Index 1.56

pH (20% Solids) 5.3

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

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