BURGESS NO. 28

HYDROUS ALUMINUM SILICATE

BURGESS NO. 28 is an ultra fine particle size, higher brightness hydrous kaolin clay.

BURGESS NO. 28 is the beaded (high bulk density) version of Burgess No. 98 and is used extensively in water based satin and semigloss coating systems to extend TiO2 while maintaining tint strength and gloss.

Typical Physical Properties

GE Brightness % 90.0

325 Mesh Residue % 0.005

Average Particle Size Sedigraph 0.2 µ

Free Moisture % Max 1.0

Specific Gravity 2.63

Refractive Index 1.56

pH (20% Solids) 7.0

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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