

# Continuing a Legacy of Customer Focus and Innovation

functional anhydrous and hydrous aluminum silicates

*Burgess Pigment*

## 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 TiO<sub>2</sub> while maintaining tint strength and gloss.

Typical Physical Properties		Typical Chemical Properties	
GE Brightness %	90.0	Loss On Ignition %	13.7 – 14.1
325 Mesh Residue %	0.005	Silica (SiO <sub>2</sub> ) %	44.8 – 45.3
Average Particle Size Sedigraph	0.2 μ	Alumina (Al <sub>2</sub> O <sub>3</sub> ) %	37.5 – 39.7
Free Moisture %	1.0	Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ) %	Trace
Specific Gravity	2.63	Titanium Dioxide (TiO <sub>2</sub> ) %	1.35 – 2.27
Refractive Index	1.56		
pH (20% Solids)	7.0		

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