

Continuing a Legacy of
Customer Focus and Innovation
functional anhydrous and hydrous aluminum silicates

Burgess Pigment

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		Typical Chemical Properties	
GE Brightness %	85.0	Loss On Ignition %	13.7 – 14.1
325 Mesh Residue %	0.15	Silica (SiO ₂) %	44.8 – 45.3
Average Particle Size Sedigraph	1.3 μ	Alumina (Al ₂ O ₃) %	37.5 – 39.7
Free Moisture %	1.0	Iron Oxide (Fe ₂ O ₃) %	Trace
Specific Gravity	2.63	Titanium Dioxide (TiO ₂) %	1.35 – 2.27
Refractive Index	1.56		
pH (20% Solids)	5.3		

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