



Southern Clay Products, Inc.
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Gelwhite® H

Thickener for Water or Water Phase for Home and Personal Care

Typical Properties:

CTFA Product Description:	Bentonite
Brightness (GEB)	82
Form	Fine Powder
Odor	None

Typical Chemical Analysis

SiO ₂	59.44 %	Al ₂ O ₃	14.48%
MgO	3.08%	Fe ₂ O ₃	1.36%
CaO	1.73%	Na ₂ O	3.37%
K ₂ O	0.17%	TiO ₂	0.208%

Specifications

Moisture	5.0	– 8.0%
Wet Fineness of Powder	0.0% on No. 200 standard sieve	
pH (2% Slurry)	9.5 – 10.5	
Swelling	Minimum of 24.0 mls.	
Gel Formation	Maximum of 2.0 mls.	
Brightness	Minimum of 80.0	
Identification		
Random Powder	XRD 1.492 – 1.504 Angstroms	
Glycolated	XRD 15.0 – 17.2 Angstroms	
Arsenic	Less than 5.0 ppm	
Lead	Less	than 40.0 ppm
*Escherichia Coli 0.0 cfu/gram		
*Microbial APC Count Less than 1000 cfu/gram		

*Product is Gamma Irradiated

General Description:

Gelwhite® H is a highly purified white Bentonite manufactured from carefully selected, extremely pure ore deposits. Gelwhite® H exhibits low acid demand and interacts with both inorganic and

organic cations. In formulations that requires tightly controlled rheology and reduced syneresis or that are acidic in pH, Gelwhite® H is ideally suited.

Health and Safety Data:

Please review the Material Safety Data Sheet for proper handling information.

For additional information or technical assistance contact Southern Clay Products, Inc. toll free at 800-324-2891.

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