

GELWHITE-H

Thickener for Water or Water Phase for Home Care

Product Data

Special Features and Benefits

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.

Composition

CTFA Product Description: Bentonite or Montmorillonite

Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Brightness (GEB):	Minimum of 80
Form:	Fine Powder
Odor:	None
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 %
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.
Identification Random Powder:	XRD 1.492-1.504 Angstroms
Identification Glycolated:	XRD 15.0-17.2 Angstroms
Arsenic:	Less than 5.0 ppm
Lead:	Less than 40.0 ppm

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