



HEMINGS

NANJING HEMINGS NEW MATERIAL

No.186 Jiangdongzhonglu, Nanjing-210019, China

Tel: +86-25-86606055

Email: hemings@hemings.net

Website: <http://www.hemings.net>

Magnesium Aluminum Silicate NF Type IB.

(Hatorite® F)

INCI Name: Magnesium Aluminum Silicate

Description and Application

Hatorite F clay is a micronized powder, is indicated for use where a dry material is required. It is used primarily in pressed powders and in direct compression tablets. Typical use levels are between 1% and 5%.

Specifications

Item	Specification	Test Method
*Appearance	Off-white powder	-----
*Acid Demand	4.0 maximum	Current Volume USP/NF
*Al/Mg Ratio	0.5-1.2	Current Volume USP/NF
*Arsenic Content	3 ppm maximum	Current Volume USP/NF

*Lead Content	15 ppm maximum	Current Volume USP/NF
*Microbiology	**No more than 100 cfu/g bacteria **No more than 100 cfu/g fungi & yeast **No Escherichia coli **No Salmonella sp. **No Staphylococcus aureus **No Pseudomonas aeruginosa **No Gram negative organisms	Current Volume USP/NF Current Volume USP/NF Current Volume USP/NF Current Volume USP/NF Current Volume USP/NF Current Volume USP/NF T-968
*Loss on drying	8.0% maximum	Current Volume USP/NF
*pH, 5% Dispersion	9.0-10.0	Current Volume USP/NF
*Viscosity, Brookfield, 5% Dispersion	150-450 cps	Current Volume USP/NF
*X-ray Diffraction	Peaks between 1.492-1.504, 1.510-1.540, and 15.0-17.2 Angstroms	Current Volume USP/NF

Storage

Hatorite F is hygroscopic and should be stored under dry condition.