

DESCRIPTION

MIN-U-GEL[®] minerals are specially processed colloidal gelling agents prepared in fine particle sizes from Attapulgite clay. MIN-U-GEL[®] MB was especially developed for binding molecular sieves. MIN-U-GEL[®] MB has controlled mineral and coating and chemical properties needed for the production of high quality molecular services.

TYPICAL PHYSICAL PROPERTIES

Free Moisture, wt. % @ 220°F	12
Dispersion Viscosity, cPs	4,200
pH	9.8
Screen Analysis, % Alpine Sieve < 325 mesh	98

TYPICAL CHEMICAL ANALYSIS

SiO ₂	66.21%	MgO	9.70%
Al ₂ O ₃	11.71%	K ₂ O	1.07%
Fe ₂ O ₃	4.02%	CO ₂	2.57%
TiO ₂	0.55%	SO ₄	0.25%
P ₂ O ₅	0.99%	Other	0.01%
CaO	2.92%	Specific Gravity	2.40 g/ml

(Although the elements are reported as oxides, they are actually present as complex aluminosilicates.)

All of the above information provided is presented in good faith, based on our testing and experience, and believed to be accurate. No guarantee, either expressed or implied, is made with respect to the infringement of any patent. These values represent typical data from samples taken from production batches. They are not to be considered specifications. Results may vary depending upon equipment and procedures. The user of these materials is responsible for determining its suitability for their application.

Revised 09 June 2009