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## **Gelwhite MAS 102®**

### **General Description:**

Gelwhite MAS 102 is a highly purified blend of white smectite clays refined from carefully selected, high brightness, naturally occurring deposits. Ideal for suspension, viscosity and rheology control in formulations requiring organic thickeners. Synergism with organic thickeners will improve gel formation and viscosity, and will reduce syneresis. Natural high viscosity will improve high temperature stability at low concentrations. Gelwhite MAS 102 white powder hydrate very easily in water using moderate mixing. Gelwhite MAS 102 meets the most current CTFA requirements for Magnesium Aluminum Silicate.

### **Typical Properties:**

Form: White Powder  
Odor: None  
Brightness: 82

### **Typical Chemical Properties:**

SiO <sub>2</sub> .....	62.2%
Al <sub>2</sub> O <sub>3</sub> .....	14.4%
MgO.....	4.1%
Fe <sub>2</sub> O <sub>3</sub> .....	1.5%
CaO.....	1.7%
Na <sub>2</sub> O.....	3.1%
K <sub>2</sub> O.....	0.1%
TiO <sub>2</sub> .....	0.2%

