



Southern Clay Products, Inc.  
1212 Church Street  
Gonzales, TX 78629  
Phone: 800-324-2891  
Fax: 830-672-1903  
www.scprod.com

## **GARAMITE® 1958**

### **Rheological Additive for Epoxy, Vinyl Ester and Unsaturated Polyester Resins**

#### **General Description:**

GARAMITE 1958 is a unique rheological additive developed for epoxy and vinyl ester systems. GARAMITE 1958 is also recommended for use in unsaturated polyester resins such as Orthophthalic, Isophthalic, DCPD and PET resins. Compared to fumed silica, GARAMITE 1958 provides improved sag (drainage) resistance, rheology control and stability, is more efficient and is easier to handle in manufacturing (less dusty, higher bulk density and not sensitive to shear).

Because the recovery properties obtained with GARAMITE 1958 are unique, it is recommended application properties such as sag resistance or spray trials are used instead of viscosity to evaluate the efficiency of GARAMITE 1958. GARAMITE 1958 use levels are system dependent. A loading ladder from equal loading to 20-40% less than fumed silica should be evaluated. Air release agents such as BYK®-A 555\* and rheological enhancers such as BYK®-R 605\* (typically added at 5-10% based on the weight of GARAMITE1958) are beneficial in many systems and should be included in the overall optimization evaluation.

#### **Typical Properties:**

Color: Off White

Form: Fine Powder

Moisture Content: < 6%

Bulk Density: ~ 8 lbs / cu. ft.

: ~ 130 kg / cu meter

Specific Gravity: 1.5 – 1.7

#### **Benefits:**

- Dispersion Ease
- Viscosity Stability
- Shear Stable
- Syneresis Prevention
- Gel Time Stability
- Settling Prevention
- Drainage/Sag Prevention
- Increased Efficiency

