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## **GARAMITE® 1958**

### **Rheological Additive for Coatings**

#### **General Description:**

GARAMITE™ 1958 is a unique rheological additive developed for a wide range of coatings systems. Compared to fumed silica and organoclays, GARAMITE™ 1958 provides improved sag (drainage) resistance, control of settling, metallic orientation, and stability. It is also more efficient and easier to handle in manufacturing (less dusty, higher bulk density and not sensitive to shear). Due to its patented mixed mineral thixotrope technology, GARAMITE™ 1958 provides these properties at lower viscosities than are seen with conventional thixotropes.

Because the recovery properties obtained with GARAMITE™ 1958 are unique, it is recommended application properties such as sag resistance or spray trials be 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 your current thixotrope 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 GARAMITE™ 1958), di-glycol amine, or water 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

