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## **GARAMITE® 2578** **Rheological Additive for** **High Solids and Baking Enamels**

### **General Description:**

GARAMITE™ 2578 is a unique rheological additive developed for high solids and baking enamels. GARAMITE™ 2578 is also recommended for use in high solids and thin film solvent based and 100% solids systems. Compared to fumed silica, GARAMITE™ 2578 provides improved sag 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). GARAMITE™ 2578 will typically provide higher sag resistance, thermal slump resistance and settling resistance than thixotropes such as fumed silica, organoclays, hydrogenated castors, and polyamide waxes. GARAMITE™ 2578 will provide these superior properties at equal or lower viscosities than your current thixotrope.

Because the recovery properties obtained with GARAMITE™ 2578 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™ 2578. GARAMITE™ 2578 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) are beneficial in many systems and may 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



