



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

GARAMITE® 1210

Rheological Additive for Vinyl Ester and Unsaturated Polyester Resins

General Description:

GARAMITE™ 1210 is a unique rheological additive developed for vinyl ester and unsaturated polyester systems. GARAMITE™ 1210 is recommended for use in unsaturated polyester resins such as Orthophthalic, Isophthalic, DCPD and PET resins. Compared to fumed silica, GARAMITE™ 1210 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™ 1210 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™ 1210. GARAMITE™ 1210 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 GARAMITE™ 1210) 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

