



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

## **Claytone® PS3** **Rheological Additive**

### **General Description:**

Claytone PS3 is a new generation organoclay designed for use in unsaturated polyester laminates and gelcoat resin systems, Claytone PS3 offers distinct advantages over other commercial products.

### **Typical Properties:**

Color : Light Cream

Form : Divided Powder

Dry Sieve Size (%-200 M): 40%

Moisture Content : 2.0%

Weight Loss @ 1000.C : 39.5%

The above typical values are not intended as product specifications.

### **Uses and Advantages:**

- The increased dry sieve size of Claytone PS3 offers the customer a far less dusty product.
- Due to its unique morphology and chemical composition, Claytone PS3 displays an anti-air entrapment characteristic previously not available in clay-gelled polyester layups.
- Claytone PS3 provides consistent rheological properties upon which customers have come to depend.
- Claytone PS3 eliminates settling, controls syneresis and provides stable viscosity and thixotropic properties.
- Claytone PS3 provides superior application properties such as enhanced drainage control and glass wetting.

### **Applications:**

- Unsaturated polyester laminates
- Gelcoat resin systems

**Incorporation:**

Claytone PS3 exhibits optimum performance when added to an unsaturated polyester resin by means of a styrene pregel. A 5.0% to 6.0% by weight pregel as well as adequate shear for incorporating is recommended.

For additional information or technical assistance contact Southern Clay Products, Inc. toll free at 800-324-2891.

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