



Grains and Raw Materials

Product Data

SERIPHYL® SERIES SERICITE

Markets: Structural Clay Body & Coatings, Industrial Fillers

Benefits: Low Cost Ceramic Sericite Material. Reduces Firing Temperature. Controls Shrinkage. Reduces Absorption. Fires to a pink color.

Preparation Method: Crude Mining and Crushing

Location: Piedmont Minerals
Post Office Box 566; 231 Piedmont Drive
Hillsborough, NC 27278
Phone: 919-732-3981
Fax: 919-732-9414

| <u>Product ID#:</u> | <u>G</u> | <u>YT</u> | <u>YTC</u> |
|----------------------------------|---------------|---------------|------------------|
| Chemical Analysis (%): | | | |
| Al ₂ O ₃ | 16.0 | 16.0 | 16.0 |
| SiO ₂ | 73.8 | 72.9 | 70.9 |
| Fe ₂ O ₃ | 3.5 | 4.0 | 6.0 |
| TiO ₂ | 0.4 | 0.4 | 0.4 |
| K ₂ O | 3.6 | 4.0 | 4.0 |
| Na ₂ | 0.4 | 0.4 | 0.4 |
| LOI | 2.3 | 2.3 | 2.3 |
| Specific Gravity (gm/cc): | 2.6 | 2.6 | 2.6 |
| P.C.E.: | 14 | 14 | 14 |
| Sericite Colors: | | | |
| As Mined | Gray | Yellow-Tan | Yellow –Tan-Clay |
| Fired; Oxidizing | Pink | Pink | Orange-Pink |
| Fired; Reducing | Rust | Rust | Orange-Rust |
| Grain Sizes Available: | | | |
| Crude | Crude | Crude | Crude |
| -7 Mesh | -7 Mesh | -7 Mesh | -7 Mesh |
| -200 Mesh | -200 Mesh | -200 Mesh | -200 Mesh |
| Packaging: | | | |
| Crude Bulk | Crude Bulk | Crude Bulk | Crude Bulk |
| Super Sacks | Super Sacks | Super Sacks | Super Sacks |
| 50 Pound Bags | 50 Pound Bags | 50 Pound Bags | 50 Pound Bags |

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.

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