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## Fulcat 200 Pure Performance

### Description

Fulcat 200 is a high purity refined montmorillonite clay catalyst. Fulcat 200 is a grey, free flowing powder of tightly controlled particle size distribution offering excellent handling characteristics.

### Application

Fulcat 200 provides both Lewis and Bronsted acidity together with moderate surface area to provide a product which is used in a range of acid catalysed reactions. The carefully controlled refining used to produce Fulcat 200 ensures excellent consistency and reproducible catalytic performance.

### Typical Characteristics

#### Chemical Composition (dry basis)

|                                |       |
|--------------------------------|-------|
| SiO <sub>2</sub>               | 57.6% |
| Al <sub>2</sub> O <sub>3</sub> | 16.9% |
| Fe <sub>2</sub> O <sub>3</sub> | 8.1%  |
| CaO                            | 3.1%  |
| MgO                            | 3.6%  |
| K <sub>2</sub> O               | 0.7%  |
| Na <sub>2</sub> O              | 0.4%  |

|                  |       |
|------------------|-------|
| Loss on Ignition | 7.0%  |
| Moisture content | 11.0% |

|                    |                          |
|--------------------|--------------------------|
| Appearance         | free flowing grey powder |
| Bulk Density       | 1120 kg/m <sup>3</sup>   |
| Surface Area (BET) | 100 m <sup>2</sup> /g    |
| Pore volume        | 0.1 cm <sup>3</sup> /g   |

|               |                         |
|---------------|-------------------------|
| Particle size | 90% less than 75 micron |
|               | 50% less than 25 micron |
|               | 10% less than micron    |

pH of 2% slurry in water 8.9

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

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