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Fulcat 240

Pure Performance

Description

Fulcat 240 is an inorganic acid activated montmorillonite clay catalyst. Fulcat 240 is a grey, free flowing powder of tightly controlled particle size distribution offering excellent handling characteristics.

Application

Fulcat 240 provides a combination of Lewis and Bronsted acidity together with high surface area to provide a product which is used in a wide range of acid catalysed reactions.

The carefully controlled activation process used to produce Fulcat 240 ensures excellent consistency and reproducible catalytic performance.

Typical Characteristics

Chemical Composition (dry basis)

| | |
|--------------------------------|-------|
| SiO ₂ | 70.0% |
| Al ₂ O ₃ | 7.9% |
| Fe ₂ O ₃ | 4.2% |
| CaO | 2.6% |
| MgO | 1.3% |
| K ₂ O | 0.6% |
| Na ₂ O | 0.2% |

| | |
|------------------|------|
| Loss on Ignition | 9.5% |
| Moisture content | 6.0% |

Appearance free flowing off-white powder

Particle size

| | | | |
|--------------------|------------------------|---------------|------------|
| Bulk Density | 720 kg/m ³ | 90% less than | 75 micron |
| Surface Area (BET) | 350 m ² /g | 50% less than | 25 micron |
| Pore volume | 0.4 cm ³ /g | 10% less than | 3.5 micron |

| | | | |
|--------------------------|-----|--------------------------|-----|
| pH of 2% slurry in water | 3.5 | pH of 2% slurry in water | 3.5 |
|--------------------------|-----|--------------------------|-----|

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

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