

## FULCAT-22 F

Acid-leached phyllosilicate catalyst with active Lewis and Brønsted acid sites providing catalytic activity in broad range of chemistries.

### Product data

#### Composition

Acid-leached phyllosilicate

#### Typical properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Loose bulk density:	820 kg/m <sup>3</sup>
pH value (2 % in H <sub>2</sub> O):	2.9
Moisture content:	6 %
Particle size distribution D10:	6 μm
Particle size distribution D50:	35 μm
Surface area:	250 m <sup>2</sup> /g
Acid value:	27 mg KOH/g
Appearance:	beige powder

#### Storage and transportation

FULCAT-22 F should be transported and stored dry in the unopened original packaging with good ventilation.

### Applications

#### Catalysis

##### Special features and benefits

Acid activation of the natural phyllosilicate structure develops enhanced acid sites that combine with the optimized surface area to deliver catalytic activity. Highly active Lewis and Brønsted acid sites make FULCAT-22 F an excellent catalyst for, amongst other reactions, Friedel-Crafts alkylation, (trans)esterification and alcohol dehydration. The heterogeneous nature of the catalysts means a clean/clear final product can be obtained; free from inherent contamination when using homogeneous catalysts.



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This issue replaces all previous versions.