

FULCAT-435

Acid-leached phyllosilicate catalyst with a high surface area and low amounts of free acid, recommended for use in fatty acid chemistry and purification processes.

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:	720 kg/m ³
pH value (2 % in H ₂ O):	3.6
Moisture content:	6 %
Particle size distribution D10:	5 µm
Particle size distribution D50:	35 µm
Surface area:	280 m ² /g
Acid value:	12 mg KOH/g
Appearance:	off-white powder

Storage and transportation

FULCAT-435 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 increases the surface area and develops Lewis and Brønsted acid sites. Additionally BYK's optimized production techniques ensure that FULCAT-435 has low amounts of free acid. The large surface area and low free acid content make FULCAT-435 an excellent choice for fatty acid chemistry and/or as an adsorbant in purification processes.



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This issue replaces all previous versions.