

Free flow agent for powder coatings

# AEROXIDE® Alu C 805

## DESCRIPTION

AEROXIDE® Alu C 805 is a fine-particle fumed aluminium oxide, highly hydrophobized with an organosilane. In addition to its free flow properties, it protects against moisture.

## KEY BENEFITS

- improves flow behavior, especially in moisture sensitive systems
- controls charges in triboelectric applications (slightly positive surface charge)
- universally applicable

## EFFECT

### Free flow



### Charge control



### Moisture protection



## SUITABILITY

### powder coatings



### triboelectric charging



### corona charging



### fluidised bed application



● not suitable ● partly suitable ● suitable

## TYPICAL APPLICATIONS

Powder coatings

## TECHNICAL DATA

|  |                            |
|--|----------------------------|
| Al <sub>2</sub> O <sub>3</sub> content | Min. 95.0 %                |
| carbon content                         | 3.5 - 4.5 %                |
| loss on drying                         | max. 2.0 %                 |
| pH-value                               | 3.0 - 4.5                  |
| specific surface area (BET)            | 75 - 105 m <sup>2</sup> /g |
| tamped density                         | Approx. 50 g/l             |

## RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 0.05 - 0.5 %

## HANDLING & STORAGE

The product is supplied in multiple layer 10 kg paper bags. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances. The product should be used within 2 years after production.

## MSDS & REGULATORY INFORMATION



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