

Free flow agent for powder coatings

# AEROXIDE® Alu 130

## DESCRIPTION

AEROXIDE® Alu 130 is a very fine-particle fumed aluminium oxide with a very high specific surface area. The positive surface charge makes it ideal to control the electrostatic charge in powder coatings.

## KEY BENEFITS

- improves flow behavior
- controls charges in triboelectric applications (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

<b>Al<sub>2</sub>O<sub>3</sub> content</b>	Min. 99.8 %
<b>loss on drying</b>	Max. 5.0 %
<b>pH-value</b>	4.4 - 5.4
<b>specific surface area (BET)</b>	110 - 150 m <sup>2</sup> /g
<b>tamped density</b>	Approx. 50 g/l

## RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 0.05 - 0.5 %

## HANDLING & STORAGE

When stored in an original unopened packaging, the product has a shelf life of 24 months from the date of manufacture. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances.

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