

**AEROXIDE® Alu C****DESCRIPTION**

AEROXIDE® Alu C is a fine-particle fumed aluminium oxide with high specific surface area and marked aggregate and agglomerate structure. 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>	4.5 - 5.5
<b>specific surface area (BET)</b>	85 - 115 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**

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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