

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

Al₂O₃ content	Min 99.8 %
loss on drying	max. 5.0 %
pH-value	4.5 - 5.5
specific surface area (BET)	85 - 115 m ² /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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