

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

Al₂O₃ 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 ² /g
tamped density	Approx. 50 g/l

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 0.05 - 0.5 %

PROCESSING INSTRUCTIONS

Addition as supplied is recommended.

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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