

Free flow agent for powder coatings

TEGO® Powder Aid F05

DESCRIPTION

TEGO® Powder Aid F05 is a hydrophobic fumed silica. It provides good free flow ability for powder coatings.

KEY BENEFITS

- hydrophobic, less sensitive to moisture
- provides good anti-caking effect
- improves flow behavior
- limited impact on surface appearance

EFFECT

Free flow



Anti-caking



Moisture protection



SUITABILITY

powder coatings



triboelectric charging



corona charging



fluidised bed application



● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

Powder coatings

TECHNICAL DATA

carbon content	1,5 - 4,5 %
loss on drying	<= 1.5 %
pH-value	7.0 - 11.0
SiO ₂ content	>= 99.8 %
specific surface area (BET)	120 - 180 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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