

Specialty filler

AEROSIL® TT 600

DESCRIPTION

AEROSIL® TT 600 is a fumed silica characterized by a particularly high degree of agglomeration. The combination of relatively high specific surface area coupled simultaneously with larger primary structures produces a unique profile of properties, which is different from all other silica grades in the portfolio. For instance, the product is recommended as a matting agent or anti-blocking additive with adsorption properties and high transparency.

KEY BENEFITS

- boosted matting effect in combination with ACEMATT® grades
- provides long-lasting matting effect
- good transparency
- great adsorption properties

SUITABILITY

waterborne	solventborne
●	●
1-pack coatings	2-pack coatings
●	●

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Leather coatings
- Artificial leather coatings
- Printing Inks
- Others

TECHNICAL DATA

appearance	white solid
delivery form	free-flowing powder
loss on drying	< 2.5 %
pH-value	3.6 - 4.5
SiO ₂ content	>99.8 %
specific surface area (BET)	150 - 250 m ² /g
tamped density	Approx. 60 g/l

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 1 - 5 wt-%

PROCESSING INSTRUCTIONS

Addition as supplied or as a predilution is possible.

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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