Silica-based rheology control additive

AEROSIL® 380

DESCRIPTION
AEROSIL® 380 is a hydrophilic fumed silica with a specific surface area of 380 m²/g.

KEY BENEFITS
high transparency after good dispersion

EFFECT
Antisettling
Antisagging
Corrosion resistance

SUITABILITY

- waterborne
- solventborne

- radiation-curing
- 1-pack coatings

- 2-pack coatings

- not suitable
- partly suitable
- suitable

TYPICAL APPLICATIONS
- General industrial coatings
- Wood coatings
- Plastic coatings
- Powder coatings

TECHNICAL DATA
- loss on drying: <2.0 %
- pH-value: 3.7 - 4.5
- SiO₂ content: >99.8 %
- specific surface area (BET): 350 - 410 m²/g
- tamped density: Approx 50 g/l

RECOMMENDED ADDITION LEVEL
As supplied calculated on total formulation: 1.0 - 2.0 %

PROCESSING INSTRUCTIONS
Addition to the coating as supplied or as a predilution is possible.

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

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with respect to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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