

AEROSIL® R 106**DESCRIPTION**

AEROSIL® R 106 is a hydrophobic fumed silica surface treated with D4 (octamethylcyclotetrasiloxane).

KEY BENEFITS

- especially recommended for 2-pack epoxy resins
- provides pseudoplastic (shear thinning) flow behavior
- excellent rheology effect

EFFECT**Anti-settling****Anti-sagging****Corrosion resistance****SUITABILITY****waterborne****solventborne****radiation-curing****1-pack coatings****2-pack coatings**

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Protective coatings
- Marine coatings

TECHNICAL DATA

carbon content	1.5 - 3.0 %
delivery form	free-flowing powder
loss on drying	max. 0.5 %
pH value, 5% in water	≥ 3.7
specific surface area (BET)	220 - 280 m ² /g
tamped density	Approx. 50 g/l

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 1.0 - 2.0 wt-%

PROCESSING INSTRUCTIONS

Addition to the coating as supplied, preferably at the grinding stage.

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.

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 regard 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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