

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.

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