

Specialty filler

AEROSIL® E 9200

DESCRIPTION

AEROSIL® E 9200 is a structure modified, hydrophobic fumed silica. It enables high loading levels at low viscosities. It is very easy to disperse.

KEY BENEFITS

- easy-to-disperse i.e. incorporation by dissolver is sufficient
- improves scratch resistance
- low viscosity at high loading levels
- low rheological effect

GRAPHICAL BAR

Anti-settling



Anti-sagging



Scratch- and abrasion resistance



Corrosion resistance



SUITABILITY

waterborne



solventborne



radiation-curing



1-pack coatings



2-pack coatings



● not suitable ◐ partly suitable ● suitable

TYPICAL APPLICATIONS

- General industrial coatings
- Car OEM coatings
- Coil coatings
- Plastic coatings
- Wood coatings

TECHNICAL DATA

carbon content	0.7 - 1.3 %
loss on drying	max. 1.5 %
pH-value	3.0 - 5.0
SiO ₂ content	>99.8 %
specific surface area (BET)	150 - 190 m ² /g
tamped density	Approx. 200 g/l

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 5 - 15 %

PROCESSING INSTRUCTIONS

Addition to the coating 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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