

DESCRIPTION

AEROSIL® E 972 is a fumed silica after-treated with DDS (dimethyldichlorosilane). It is a very efficient rheology modifier, suitable for a broad range of applications. It is very easy to disperse.

KEY BENEFITS

- easy-to-disperse i.e. incorporation by dissolver is sufficient
- good dispersability
- universal application
- standard recommendation

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

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

TECHNICAL DATA

carbon content	0.6 - 1.2 %
delivery form	free-flowing powder
loss on drying	<0.5 %
pH-value	3.6 - 5.5
SiO₂ content	>99.8 %
specific surface area (BET)	90 - 130 m ² /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

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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Evonik Operations GmbH | Goldschmidtstraße 100, 45127 Essen, Germany | Telefon +49 201 173-2222 Telefax +49 201 173-1939 | www.coating-additives.com