

# AEROSIL® R 972

## DESCRIPTION

AEROSIL® R 972 is a fumed silica after-treated with DDS (dimethyldichlorosilane). It is easy to disperse and suitable for a broad range of applications.

## KEY BENEFITS

- good dispersability
- universally applicable
- standard recommendation

## EFFECT

### Antisettling



### Antisagging



### Corrosion resistance



## SUITABILITY

### waterborne



### solventborne



### radiation-curing



### 1-pack coatings



### 2-pack coatings



● not suitable ● partly suitable ● suitable

## TYPICAL APPLICATIONS

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

## TECHNICAL DATA

carbon content	0.6 - 1.2 %
loss on drying	<0.5 %
pH-value	3.6 - 5.5
SiO <sub>2</sub> content	>99.8 %
specific surface area (BET)	90 - 130 m <sup>2</sup> /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



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