

# AEROSIL® R 974

## DESCRIPTION

AEROSIL® R 974 is a hydrophobic fumed silica after-treated with DDS (dimethylchlorosilane).

## KEY BENEFITS

- universally applicable
- sufficient dispersability
- good transparency

## 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

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

## TECHNICAL DATA

carbon content	0.7 - 1.3 %
loss on drying	<0.5 %
pH-value	3.7 - 4.7
SiO <sub>2</sub> content	>99.8 %
specific surface area (BET)	150 - 190 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

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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