

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 ₂ 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

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