

AEROSIL® R 805

DESCRIPTION

AEROSIL® R 805 is a fumed silica after-treated with organosilane. It provides utmost transparency.

KEY BENEFITS

- highly efficient
- high transparency therefore especially recommended for automotive clear coats
- highly recommended for epoxy systems

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
- Marine coatings

TECHNICAL DATA

| | |
|-----------------------------|-----------------------------|
| carbon content | 4.5 - 6.5 % |
| loss on drying | <0.5 % |
| pH-value | 3.5 - 5.5 |
| SiO ₂ content | >99.8 % |
| specific surface area (BET) | 125 - 175 m ² /g |
| tamped density | Approx. 60 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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