

AEROSIL® R 816

DESCRIPTION

AEROSIL® R 816 is a fumed silica after-treated with hexadecylsilane.

KEY BENEFITS

- especially developed for WBC
- weakly hydrophobic
- good incorporation to WBC

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

TECHNICAL DATA

carbon content	0.9 - 1.8 %
loss on drying	<1.0 %
pH-value	4.0 - 5.5
SiO ₂ content	>99.8 %
specific surface area (BET)	170 - 210 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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