

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
SiO₂ 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

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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