

DESCRIPTION

AEROSIL® E 805 is a fumed silica after-treated with an organosilane. It provides extraordinary rheological properties by maintaining brilliant transparency. It is very easy to disperse.

KEY BENEFITS

- easy-to-disperse i.e. incorporation by dissolver is sufficient
- excellent rheology effect
- 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 & Protective 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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