

**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**

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