

**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**

<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**

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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