

AEROSIL®

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AEROSIL® fumed silica

With AEROSIL® fumed silica, you benefit from the advantages of a value-added product philosophy backed by a comprehensive package of product and support services.

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Invented to improve

Numerous application possibilities are reflected in the uniquely extensive product range of AEROSIL®.

Without pyrogenic oxides, many everyday things would be unthinkable. AEROSIL® can be found, for instance, in the cosmetics industry, where it increases the temperature stability of lipsticks. It is also used in the production of offshore yachts and in the electronics industry. At the same time, AEROSIL® is used in silicone sealants which can be found in any bathtub as well as in car paints. In this case, pyrogenic oxides result in thixotropy, low moisture absorption, mechanical stability and the optimization of rheological properties.

In our research centres, we work to devise new solutions for a very wide array of products which, in turn, will lead to continuing developments of our customers' own products. We invest in future-oriented and innovative applications in order to share these expanding markets with our

customers. Due to the fact that AEROSIL[®] displays such a high level of versatility, it might well be that tomorrow we will be active in markets which we know nothing about today.

AEROSIL[®] optimizes:

- Paints and coatings
- Catalysts
- Airbags
- Silicone sealants in the car, sanitary and electronics sectors
- Sealing inserts, e.g. for covering crown cork
- Printing inks
- Creams, lotions, gels
- Deodorants
- Paper properties
- Chemical dowels
- Unsaturated polyester resins
- Light bulbs and fluorescent tubes
- Toners for photocopying machines
- Silicone profiles
- Shoe soles
- Putty
- Dental composites
- 2-component mortar
- Marine paints
- Structure adhesives for the production of rotor blades in wind power plants
- The dosability of active substances in tablets
- High-tension cables
- Adhesives, e.g. instant glue and hot-melt adhesives