

Hydrophilic fumed silica AEROSIL® 200

Along with the traditional polyester, silicone, paints and coatings applications, hydrophilic AEROSIL® products are used with increasing success in high technology fields. The particle nature and high purity of fumed silica play key roles in the electronics and optical fibers industries.

Furthermore, the hydrophilic AEROSIL® grades are characterized by an X-ray amorphous structure. Depending on the market and application, products with various primary particle sizes and different BET-surface areas are available. Certain types are also available in compacted form (V and VV grades) and in a pharmaceutical grade.

Technical data

AEROSIL® grades	AEROSIL® 200
BET surface area[m ² /g]	200±25
Loss on drying[wt.%]	≤1.5
PH	3.7- 4.7

Positive effects

Optimum adjustment of rheology during processing
Reinforcement of silicone elastomers
Thickening of non-polar liquids
Free-flow of foodstuffs and industrial powders
High chemical purity
Excellent insulation properties, even at high temperature
Conversion of liquids to powders, e.g. pharmaceuticals, cosmetics
Gelification of battery acids
Rheology control of greases and lubricants

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