

AEROSIL® and AEROXIDE® fumed oxides additives

High Performance Special Oxides for Coating Applications

For General Industrial, Marine & Protective, Automotive, Powder, and Corrosion Protection applications

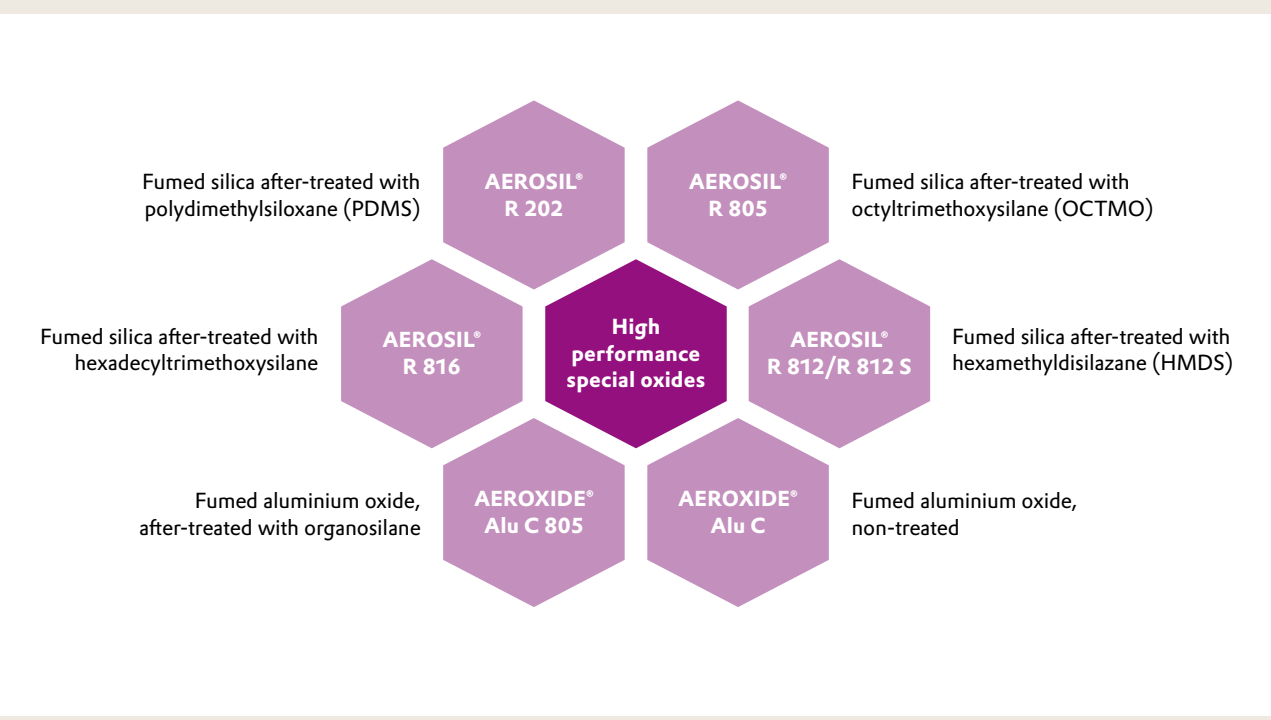


AEROSIL® fumed silica,

can be used in coatings to improve rheological performance as well as a variety of other attributes like improved corrosion resistance, reinforcement, and scratch resistance. The AEROSIL® product line offers a wide array of custom tailored products to meet your needs.

AEROXIDE® fumed aluminium oxides,

are well known for enhancing and optimizing manufacturing, quality, appearance and overall performance of powder coatings. Properties such as free-flow, transfer efficiency and edge covering are improved by AEROXIDE® fumed aluminium oxides.



Click here for more information!

AEROSIL® fumed silica

AEROSIL® R 202

- Fumed silica after-treated with polydimethylsiloxane (PDMS)
- Carbon content: 3.5 – 5.0%
- Recommended for 2K epoxy resins & heavy duty anti-corrosion protection
- Product contains free silicone oil



AEROSIL® R 805

- Fumed silica after-treated with octyltrimethoxysilane (OCTMO)
- Carbon content: 4.5 – 6.5%
- Especially recommended for high transparency clear coatings, e.g. automotive coatings
- Highly recommended for epoxy systems



AEROSIL® R 812

- Fumed silica after-treated with hexamethyldisilazane (HMDS)
- Carbon content: 2.0 – 3.0%
- Especially recommended for high transparency clear coatings, e.g. automotive coatings
- Highly recommended for 2K PU



AEROSIL® R 812 S

- Fumed silica after-treated with hexamethyldisilazane (HMDS)
- Carbon content: 3.0 – 4.0%
- Especially recommended for high transparency clear coatings, e.g. automotive coatings
- Highly recommended for 2K PU



AEROSIL® R 816

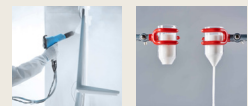
- Fumed silica, after-treated with hexadecyltrimethoxysilane
- Carbon content: 0.9 – 1.8%
- Recommended for general industrial applications
- Especially developed for waterborne coatings



AEROXIDE® fumed aluminium oxide

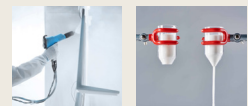
AEROXIDE® Alu C

- Fine-particle fumed aluminium oxide, non-treated
- Al₂O₃ content: min. 99.8%
- Controls electrostatic charge in triboelectric applications (positive surface charge)
- Improves flow behavior of powder coatings



AEROXIDE® Alu C 805

- Fine-particle fumed aluminium oxide, after-treated with organosilane
- Al₂O₃ content: min. 95%
- Carbon content: 3.5 – 4.5%
- Improves flow behavior of powder coatings, especially in moisture sensitive systems



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