

Specialty filler

AEROSIL® R 8200

DESCRIPTION

AEROSIL® R 8200 is a structure modified, highly hydrophobic fumed silica. Due to its low thickening efficiency, high loading levels at low viscosities are achievable.

KEY BENEFITS

- anti-caking and free flow agent for powders
- high loadings possible
- low rheological effect

GRAPHICAL BAR

Scratch- and abrasion resistance



Corrosion resistance



SUITABILITY

solventborne	100% system
polyester resins	epoxy resins
●	●
●	●
●	●

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

Powder coatings

TECHNICAL DATA

appearance	white solid
carbon content	2.0 - 4.0 %
loss on drying	< 0.5 %
pH-value	>5
specific surface area (BET)	135 - 185 m ² /g
tamped density	Approx. 140 g/l

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 0.05 - 0.5 wt-%

PROCESSING INSTRUCTIONS

Addition 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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