

AEROSIL® MOX 170

Hydrophilic fumed mixed oxide

Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m ² /g	140 - 200
pH value in 4% dispersion		3.6 - 4.5
Loss on drying* 2 hours at 105°C	%	≤ 1.5
Tamped density*	g/l	approx. 50
SiO ₂ content based on ignited material	%	≥ 98.3
Al ₂ O ₃ content based on ignited material	%	0.3 - 1.3
* ex plant The data represents typical values (no product specification).		

Registrations (substance or product components)

AEROSIL® MOX 170

CAS-No.	112 945-52-5 1344-28-1
REACH (Europe)	registered
TSCA (USA)	registered
DSL (Canada)	registered
AICS (Australia)	registered
ENCS (Japan)	registered
IECSC (China)	registered
KECI (Korea)	registered
PICCS (Philippines)	registered

AEROSIL® MOX 170 is a cofumed oxide consisting of silicon dioxide and approximately 1 % aluminum oxide, manufactured using the AEROSIL® process.

Applications and properties

Applications

- Paper industry (e.g. matt/semi matt, inkjet coatings)
- Cell glas
- Foundry practice
- Raw material for dispersion

Properties

- Low thickening effect

Safety and handling

Information concerning the safety of this product is listed in the corresponding Safety Data Sheet, which will be sent with the first delivery or upon updating. Such information is also available from Evonik Operations, Product Safety Department, E-MAIL sds-im@evonik.com We recommend to read carefully the safety data sheet prior to the use of our product.

Packaging and storage

AEROSIL® MOX 170 is supplied in multiple layer 10 kg bags. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances. AEROSIL® MOX 170 should be used within 2 years after production.

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