

Product specification

Material AEROSIL® 200 F
Spec.Code K00

Inspection Characteristics	Method	Limits	Units	Z
Specific surface area	ISO 9277, modified	175-225	m ² /g	X
pH value	ISO 787-9, modified	3.7-4.5		X
Loss on drying	ISO 787-2, modified	<=1.5	%	X
Tamped density	ISO 787-11, modified	35-65	g/l	T
Al ₂ O ₃ content	acc. to ISO 3262-20	<=0.030	%	T
Fe ₂ O ₃ content	acc. to ISO 3262-20	<=0.003	%	T
TiO ₂ content	acc. to ISO 3262-20	<=0.030	%	T
As content (E551)	SOP AE_FQ01	<=3.0	ppm	C
Pb content (E551)	SOP AE_FQ02	<=5.0	ppm	C
Hg content (E551)	SOP AE_FQ03	<=1.0	ppm	C
Na ₂ SO ₄ content (E551)	SOP AE_FQ06	<=5.0	%	C
Cd content (E551b)	SOP AE_FQ04	<=2.0	ppm	C
Pb content (E551b)	SOP AE_FQ05	<=30.0	ppm	C

Report on inspection certificate: X = specific/actual value, C = unspecific value/conformity, T = not reported

AEROSIL® 200 F
 Colloidal Silicon Dioxide

Material manufactured applying an HACCP system and FAMI-QS. By an independent external auditor, documented by a report, it was verified that this HACCP system fulfills the requirements of the following regulation of the European Union: (EC) No 852/2004.

Purity criteria for E 551 according to (EU) 231/2012 (specifications for food additives regarding (EG) 1333/2008 Annex II and III) are met.

Typical value of SiO₂ content is > 99.8 % (according to ISO 3262-20).

Typical sieve residue (Grit, 45 µm) is < 0.025 % (according to ISO 787-18).

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All warranty claims in respect of the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the criteria for our internal quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when despatched from the works.

The Standard Test Methods can be obtained from specialized publishers. Evonik's test methods are available on request.

Material: AEROSIL® 200 F		Spec-Code: K00	Page 1 from 1
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