



valid until: April 24, 2029

Fraunhofer

TESTED[®] DEVICE

ebm-papst
Fan impeller Scolefin 34 G14-9
Report No. EB 2403-1502

Single product
Outgassing Behavior
VOC/SVOC

Qualification Certificate

This is to certify that the product mentioned above, provided by
ebm-papst Mulfingen GmbH & Co. KG
Mulfingen, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE
bearing the report number EB 2403-1502.

The outgassing behavior of the material of the Fan impeller
Scolefin 34 G14-9 (color: black) at the stated temperatures was
investigated according to VDI 2083 Part 17 and ISO 14644-
15. Based on the outgassing rates determined for the specific
surfaces, the following material classification was made for the
corresponding Contaminant Category:

Contaminant Category (x)	SER _a ¹⁾ 23 °C [g/m ² s]	SER _a ¹⁾ 90 °C [g/m ² s]	ISO-ACC _m Class (x) based on 23 °C
VOC	< 2.8 x 10 ⁻¹⁰	2.9 x 10 ⁻⁷	< -9.6
SVOC	< 2.8 x 10 ⁻¹⁰	5.0 x 10 ⁻⁹	< -9.6
Amines	< 2.8 x 10 ⁻¹⁰	< 1.7 x 10 ⁻⁹	--
Organophosphates	< 2.8 x 10 ⁻¹⁰	< 1.7 x 10 ⁻⁹	--
Siloxanes	< 2.8 x 10 ⁻¹⁰	< 1.7 x 10 ⁻⁹	--
Phthalates	< 2.8 x 10 ⁻¹⁰	< 1.7 x 10 ⁻⁹	--

¹⁾SER_a: Area-specific emission rate

EB 2403-1502
Report No. first document

Stuttgart, April 24, 2024
Place, date of first document issued

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Report No. current document

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Place, current date

on behalf of 
Dr.-Ing. Frank Bürger, Project Manager Fraunhofer IPA



This document only applies to the named product in its original state and is valid for a period of 5 years from the date the first document was issued. The document can be verified under www.tested-device.com.

Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report.

DUPLICATE