



Fraunhofer

TESTED[®] DEVICE

ebm-papst Mulfingen
Impeller Radical PPGF40
Report No. EB 1703-895

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 1703-895.

The outgassing behavior of the Impeller Radical PPGF40 Size
400 * -1-3233 (color: black) at the stated temperatures was investi-
gated according to VDI 2083 Part 17. Based on the outgassing
rates determined for the specific surfaces, the following material
classification was made for the corresponding substance group:

Substance Group (x)	SER ¹⁾ 23 °C [g/m ² s]	SER ¹⁾ 90 °C [g/m ² s]	ISO-ACC _m class (x) based on 23 °C
VOC	6.6 x 10 ⁻⁸	3.5 x 10 ⁻⁷	-7.2
SVOC	2.3 x 10 ⁻⁹	6.1 x 10 ⁻⁹	-8.6

¹⁾ SER: Surface Specific Emission Rate

The detection limit at the time of the test was ISO-ACC_m class =
-9.6 (VOC/SVOC). The ISO-ACC_m class (x) was assigned for the
named substance groups at the test temperature of 23 °C (room
temperature).

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

Stuttgart, April 24, 2017

Place, date of first document issued

--

Place, current date

on behalf of 
Frank Bürger, Project manager Fraunhofer IPA

The validity of this certificate
applies only to the mentioned
product in this particular
condition for a duration of
5 years.

Further information:

www.tested-device.com

DUPPLICATE