



valid until: May 20, 2031

Fraunhofer

TESTED[®] DEVICE

Ziehl-Abegg SE
ZAmid PAPA LGF40 blue
Report No. ZI 2603-1743

Single product
**Outgassing Behavior
VOC/SVOC**

Qualification Certificate

This is to certify that the product mentioned above, provided by

Ziehl-Abegg SE
Künzelsau, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number ZI 2603-1743.

The outgassing behavior of the ZAmid PAPA LGF40 blue (color: blue) at the stated temperatures was investigated according to ISO 14644-15. Based on the outgassing rates determined for the specific unit, the following material classification was made for the corresponding Contaminant Category:

Contaminant Category (x)	SER _a 23°C ¹⁾ [g/(m ² * s)]	ISO-ACC _m -Klasse (x)
VOC	3.3 x 10 ⁻⁹	-8.5
SVOC ²⁾	1.5 x 10 ⁻⁸	-7.8
Sum of VOC and SVOC	1.8 x 10 ⁻⁸	--
Refractories ³⁾	2.3 x 10 ⁻⁸	--
Siloxanes ⁴⁾	< 2.8 x 10 ⁻¹⁰	--

¹⁾ The emission rate is calculated using the detected mass based on the response of the standard, the analyzed sample surface area or number of samples and the sampling duration ²⁾ According ISO 16000-25, SVOC is the sum of airborne and condensing SVOC. Condensing SVOC were collected by heating the emission chamber to 90°C after removal of the sample. ³⁾ Refractories are compounds containing elements other than C, H and O (for example S, P, N, Si,...). ⁴⁾ Siloxanes and other Si-containing organic substances. Siloxanes also count as refractories.

ZI 2005-1156
Report No. first document

Stuttgart, November 5, 2020
Place, date of first document issued

ZI 2603-1743
Report No. current document

Stuttgart, May 20, 2026
Place, current date

on behalf of 
Dr.-Ing. Frank Bürger, head of business unit Testing and Certification

This document only applies to the named product in its original state and is valid for a period of 5 years from the current date the 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.

The norms stated generally refer to the version valid at the time of the tests.

DUPLICATED