



valid until: November 26, 2030

Fraunhofer

TESTED[®] DEVICE

Ziehl-Abegg SE
PA6-GF30 blue

Report No. ZI 2507-1655

Single product Outgassing Behavior Ammonia

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 2507-1655.

The outgassing behavior of PA6-GF30 blue (color: blue) at the
stated temperature was investigated according to ISO 14644-15
and VDI 2083 Part 17. 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]	ISO-ACC _m Class (x)
Ammonia (NH ₃)	< 2.9 x 10 ⁻⁹	< -8.5

¹⁾The emission rate is calculated using the detected concentration based on the
external standard calibration, the analyzed sample surface area or number of samples,
the volume of the impingement solution and the sampling duration.

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.

ZI 1709-953
Report No. first document

Stuttgart, December 15, 2017
Place, date of first document issued

ZI 2507-1655
Report No. current document

Stuttgart, November 26, 2025
Place, current date

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