



valid until: January 25, 2028

# Fraunhofer

## TESTED<sup>®</sup> DEVICE

item Industrietechnik

Hinge 8 Al PP0

Report No. IT 2207-1335

Single product  
Outgassing Behavior  
VOC/SVOC

## Qualification Certificate

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

**item Industrietechnik GmbH**  
Solingen, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE  
bearing the report number IT 2207-1335.

The outgassing behavior of the Hinge 8 Al PP0, light (color: grey)  
at the stated temperatures was investigated according to ISO  
14644-15. Based on the outgassing rates determined for the  
specific equipment, the following material classification was made  
for the corresponding Contaminant Category:

Contaminant Category (x)	SER <sub>u</sub> <sup>1)</sup> 23 °C [g/unit · s]	ISO ACC <sub>e</sub> Class (x) based on 23 °C
VOC	$< 2.8 \times 10^{-13}$	<b>&lt; - 12.6</b>
SVOC	$< 2.8 \times 10^{-13}$	<b>&lt; - 12.6</b>
Amines	$< 2.8 \times 10^{-13}$	--
Organophosphates	$< 2.8 \times 10^{-13}$	--
Siloxanes	$< 2.8 \times 10^{-13}$	--
Phthalates	$< 2.8 \times 10^{-13}$	--

<sup>1)</sup>SER<sub>u</sub>: Unit-specific emission rate

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.

IT 2207-1335  
Report No. first document

Stuttgart, January 25, 2023  
Place, date of first document issued

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Report No. current document

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Place, current date

on behalf of 



**Fraunhofer**  
IPA