



Fraunhofer

TESTED[®] 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 _u ¹⁾ 23 °C [g/unit · s]	ISO ACC _e Class (x) based on 23° C
VOC	< 2.8 x 10 ⁻¹³	< - 12.6
SVOC	< 2.8 x 10 ⁻¹³	< - 12.6
Amines	< 2.8 x 10 ⁻¹³	--
Organophosphates	< 2.8 x 10 ⁻¹³	--
Siloxanes	< 2.8 x 10 ⁻¹³	--
Phthalates	< 2.8 x 10 ⁻¹³	--

¹⁾SER_u: 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 