



valid until: February 6, 2031

Fraunhofer

TESTED[®] DEVICE

AKA LIGHTING GmbH
PE powdercoating PO-658-9010-001
Report No. AK 2507-1654

Single product Outgassing Behavior VOC/SVOC

Qualification Certificate

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

AKA LIGHTING GmbH
Schönaich, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE
bearing the report number AK 2507-1654.

The outgassing behavior of the Polyester powdercoating
PO-658-9010-001 (color: RAL 9010) at the stated temperatures
was investigated according to ISO 14644-15. 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 ¹⁾ [g/m ² s]	ISO-ACC _m Class (x)
VOC	6.6×10^{-9}	-8.2
SVOC ²⁾	2.7×10^{-9}	-8.6
Sum of VOC and SVOC	9.3×10^{-9}	--
Refractories ³⁾	9.3×10^{-10}	--
Siloxanes ⁴⁾	9.3×10^{-10}	--

¹⁾ The emission rate is calculated using the detected mass based on the response of the standard, the analyzed unit 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. Siloxanes also count as refractories.

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Report No. first document

Stuttgart, February 6, 2026
Place, date of first document issued

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Report No. current document

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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 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.