



valid until: February 6, 2031

Fraunhofer

TESTED[®] DEVICE

Ritterwand GmbH & Co. KG
PE powdercoating PO-658-9010-001
Report No. RI 2603-1734

Single product Outgassing Behavior VOC/SVOC

Qualification Certificate

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

Ritterwand GmbH & Co. KG
Nufringen, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number RI 2603-1734.

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 x 10 ⁻⁹	-8.2
SVOC ²⁾	2.7 x 10 ⁻⁹	-8.6
Sum of VOC and SVOC	9.3 x 10 ⁻⁹	--
Refractories ³⁾	9.3 x 10 ⁻¹⁰	--
Siloxanes ⁴⁾	9.3 x 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⁾ SVOC are airborne SVOC.

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.

RI 2603-1734
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.