



Remmers GmbH
Report No. RE 2310-1468

Cleanroom[®] Suitable Materials

Epoxy OS Color
Outgassing VOC / SVOC
ISO-ACC_m Class -6.4 / < -9.6

FLOORING & COATING

Single product
Outgassing Behavior
VOC/SVOC

Qualification Certificate

We hereby certify that the material stated above, provided by

Remmers GmbH
Löningen, Germany

has been awarded the Fraunhofer IPA CSM Certificate of Qualification with the report number RE 2310-1468.

The outgassing behavior of Epoxy OS Color (color: light gray) at the stated temperatures was investigated according to VDI 2083 Part 17 and 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 _a ¹⁾ 23 °C [g/m ² s]	SER _a ¹⁾ 90 °C [g/m ² s]	ISO-ACC _m Class (x) based on 23 °C
VOC	3.9×10^{-7}	$\gg 2.2 \times 10^{-4}$	-6.4
SVOC	$< 2.8 \times 10^{-10}$	Due to overload of the analytical system no quantitative result can be reported	< -9.6
Amines	$< 2.8 \times 10^{-10}$		--
Organophosphates	$< 2.8 \times 10^{-10}$		--
Siloxanes	$< 2.8 \times 10^{-10}$		--
Phthalates	$< 2.8 \times 10^{-10}$		--

¹⁾SER_a: Area-specific emission rate

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Report No. current document

Stuttgart, October 29, 2018
Place, date of first document issued

Stuttgart, December 13, 2023
Place, current date

on behalf of 
Dr.-Ing. Udo Gommel, Project Manager Fraunhofer IPA

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.