



# Cleanroom<sup>®</sup> Suitable Materials

GERFLOR  
Report No. GE 2203-1313

MIPOLAM BIOCONTROL CLEAN  
Outgassing Ammonia  
ISO-ACC<sub>m</sub> Class < -8.5

## FLOORING & COATING

### Single product Outgassing Behavior Ammonia

### Qualification Certificate

We hereby certify that the material stated above, provided by

GERFLOR  
Saint-Paul-Trois-Châteaux, France

has been awarded the Fraunhofer IPA CSM Certificate of Qualification with the report number GE 2203-1313.

The outgassing behavior of MIPOLAM BIOCONTROL CLEAN (new varnish), color: intense Indigo, 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 <sub>a</sub> <sup>1)</sup> 23 °C [g/m <sup>2</sup> s]	SER <sub>a</sub> <sup>1)</sup> 90 °C [g/m <sup>2</sup> s]	ISO-ACC <sub>m</sub> Class (x) based on 23 °C
Ammonia (NH <sub>3</sub> )	< 2.9 x 10 <sup>-9</sup>	< 2.9 x 10 <sup>-9</sup>	< -8.5

<sup>1)</sup>SER<sub>a</sub>: Area-specific emission rate

DUPLICATE

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](http://www.tested-device.com).

Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report.

GE 2203-1313  
Report No. first document  
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Report No. current document

Stuttgart, June 17, 2022  
Place, date of first document issued  
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Place, current date

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