



Vital Technical Sdn. Bhd.  
Report No. VI 2405-1525

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

VT-626 Green Sealant  
Outgassing VOC/SVOC  
ISO-ACC<sub>m</sub> Class -6.7 / -7.0

## FLOORING & COATING

Single product  
Outgassing Behavior  
VOC/SVOC

## Qualification Certificate

We hereby certify that the material stated above, provided by

Vital Technical Sdn. Bhd.  
Rawang, Malaysia

has been awarded the Fraunhofer IPA CSM Certificate of Qualification with the report number VI 2405-1525.

The outgassing behavior of VT-626 Green Sealant (color: white paste) 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 |
|--------------------------|---|---|---|
| VOC                      | 2.1 x 10 <sup>-7</sup>                                    | 1.3 x 10 <sup>-5</sup>                                    | -6.7  |
| SVOC                     | 1.0 x 10 <sup>-7</sup>                                    | 1.6 x 10 <sup>-5</sup>                                    | -7.0  |
| Amines                   | < 2.8 x 10 <sup>-10</sup>                                 | < 1.7 x 10 <sup>-8</sup>                                  | --  |
| Organophosphates         |   |   | --  |
| Siloxanes                |   | 7.1 x 10 <sup>-8</sup>                                    | --  |
| Phthalates               |   | < 1.7 x 10 <sup>-8</sup>                                  | --  |

<sup>1)</sup>SER<sub>a</sub>: Area-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 current date the 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.

DUPLICATE

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on behalf of   
Frank Bürger, Project manager Fraunhofer IPA