

# Hygiene-Institut des Ruhrgebiets

Institut für Umwelthygiene und Toxikologie

Director: Dr. Thomas-Benjamin Seiler

Legal Entity: Verein des Hygiene-Instituts des Ruhrgebiets e.V.



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Vivant Solutions Pvt Ltd  
No.329, Sidco Women Industries  
Thirumullaivoyal, Chennai  
Tamil Nadu 600062, India

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Our reference: W-371133-23-Ho  
Contact person: Dipl.-Ing. (FH) S. Horn  
Material-number: 20/2023

Gelsenkirchen, 09.03.2023

## TEST CERTIFICATE

Test of the microbial metabolism pursuant to DIN EN ISO 846

**Client:** Vivant Solutions Pvt Ltd  
No.329, Sidco Women Industries  
Thirumullaivoyal, Chennai  
Tamil Nadu 600062

**Test material:** VS-PA6GF-221130-02  
Black plastic plates

**Test method:** DIN EN ISO 846 (11/2020)

As described in our test reports W-371116-22-Ho and W-371117-22-Ho dated on 09.03.2023, the growth of microorganisms determined on the material "VS-PA6GF-221130-02" pursuant to DIN EN ISO 846 table 2, corresponds to the growth intensity 0 for method A and a growth intensity 0 for method C.

This means that the material "VS-PA6GF-221130-02" does not contain any nutrients for the development of microorganisms. Thus, the above material meets the requirements regarding to the microbial metabolism according to VDI 6022, sheet 1 (01/2018) "Hygiene requirements for ventilation and air conditioning systems and devices". Further material requirements according to VDI 6022, sheet 1 must be checked separately.

The Director of the Institute on behalf

(Dipl.-Ing. (FH) S. Horn)  
Head of Department, Hygienic Building Technology

The results of our tests and the evaluations apply to the examined objects and the legal regulations applicable at the time of the test. The certificate shall not be reproduced, except in full, without written approval of the Institute. Our general terms and conditions apply (<http://www.hyg.de>).

**Legal Entity:** Verein des Hygiene Instituts des Ruhrgebiets e.V., **Register:** VR 519 Local Court Gelsenkirchen (Germany); **VAT ID:** DE125018356

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