



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

PPS

King GMP

**Report No. PF 2305-1421**

### Single product Particle Emission

### Qualification Certificate

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

**Pfennig Reinigungstechnik GmbH**  
Durach, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE  
bearing the report number PF 2305-1421.

When operated in a dry state using the given test parameters,  
the mop King GMP (100 % Polyester, white, washed) is suitable  
for use in cleanrooms up to the following Air Cleanliness Class  
according to ISO 14644-1:

Test parameter(s)	Air Cleanliness Class
Linear compression = 120 mm Torsion = 180° Cycle time t = 1 s	6
Overall result	

This corresponds with ISO-ACP<sub>c</sub> Class 6 according to VDI 2083 Part 9.2.

Please note: Transport damages, incorrect installation, aging  
behavior etc. can influence the test result.

PF 1807-1056  
Report No. first document

Stuttgart, August 31, 2018  
Place, date of first document issued

PF 2305-1421  
Report No. current document

Stuttgart, November 16, 2023  
Place, current date

on behalf of   
Dr.-Ing. Frank Bürger, 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.