



Fraunhofer

TESTED[®] DEVICE

Pfennig Reinigungstechnik GmbH
mop wipe King GMP
Report No. PF 2407-1538

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 2407-1538.

When operated in a dry state using the given test parameters,
the mop wipe King GMP (100 % polyester, white, pre-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	4
Overall result	

This corresponds with ISO-ACP_c Class 4 according to VDI 2083 Part 9.2.

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

PF 1910-1152
Report No. first document

Stuttgart, November 20, 2019
Place, date of first document issued

PF 2407-1538
Report No. current document

Stuttgart, November 20, 2024
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.