



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

Rite-Hite Corporation  
LS Clean US 05 / 2021  
**Report No. RI 2108-1247**

### Single product Hydrogen Peroxide Absorption/Desorption

### Qualification Certificate

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

**Rite-Hite Material Handling  
Equipment (Kunshan) Co., Ltd.**  
Kunshan Jiangsu , China

has been awarded a Fraunhofer certificate TESTED DEVICE  
bearing the report number RI 2108-1247.

The hydrogen peroxide absorption/desorption of  
VINYL,27OZ,WHITE,TOPCOAT, 118" (color: 907907) was investi-  
gated with the stated test parameters. Using the procedure laid  
down in VDI 2083 Part 20, the following test result was obtained:

Ø k-value [min]	Standard deviation [min]	Classification
1.83	0.07	non-absorptive

The k-value represents the required decay time to reduce the hy-  
drogen peroxide vapor concentration measured at the beginning  
of the aeration phase to one tenth of the original concentration.  
The material classification is based on three separate measure-  
ments. The blank value of the test setup is subtracted from each  
measurement value.

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.

RI 2108-1247  
Report No. first document

Stuttgart, March 3, 2022  
Place, date of first document issued

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Report No. current document

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Place, current date

on behalf of   
Dr.-Ing. Frank Bürger, Project Manager Fraunhofer IPA