



Fraunhofer

TESTED[®] DEVICE

DENSO WAVE Inc.
SUS316L (Grinding)
Report No. DE 2006-1161

Single product Hydrogen Peroxide Absorption/Desorption

Qualification Certificate

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

DENSO WAVE Inc.
Aichi, Japan

has been awarded a Fraunhofer certificate TESTED DEVICE
bearing the report number DE 2006-1161.

The hydrogen peroxide absorption/desorption of SUS316L
(Grinding) was investigated 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
0	0	non-absorptive

The k-value represents the required decay time to reduce the hydrogen 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 measurements. The blank value of the test setup is subtracted from each measurement value.

DE 1409-725
Report No. first document

Stuttgart, July 15, 2015
Place, date of first document issued

DE 2006-1161
Report No. current document

Stuttgart, November 4, 2020
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.