



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

DENSO WAVE Inc.  
PVC (S-1)

Report No. DE 2006-1161

Single product  
Chemical  
Resistance

### 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 chemical resistance of PVC (S-1), color: gray, was classified according to ISO 4628-1 and VDI 2083 Part 17 with the following result:

Chemical resistance			
Formalin 37 %	excellent	Peracetic acid 15 %	none
Ammoniac 25 %	excellent	Hydrochloric acid 5 %	excellent
Hydrogen peroxide 30 %	excellent	Isopropanol 100 %	very good
Sulfuric acid 5 %	excellent	Sodium hydroxide 5 %	excellent
Phosphoric acid 30 %	excellent	Sodium hypochlorite 5 %	excellent

DUPLICAT

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](http://www.tested-device.com).

Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report.