



Fraunhofer

TESTED[®] DEVICE

DENSO WAVE Inc.

Fluorine (09811)

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 Fluorine (09811), color: black, was
classified according to ISO 4628-1 and VDI 2083 Part 17 with the
following result:

Chemical resistance			
Formalin 37 %	excellent	Peracetic acid 15 %	weak
Ammoniac 25 %	excellent	Hydrochloric acid 5 %	very good
Hydrogen peroxide 30 %	excellent	Isopropanol 100 %	excellent
Sulfuric acid 5 %	very good	Sodium hydroxide 5 %	excellent
Phosphoric acid 30 %	excellent	Sodium hypochlorite 5 %	excellent

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.

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