



Fraunhofer

TESTED[®] DEVICE

Kawasaki Robotics GmbH
Vari 45

Report No. KA 2505-1627

Single product
Chemical
Resistance

Qualification Certificate

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

Kawasaki Robotics GmbH
Neuss, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE
bearing the report number KA 2505-1627.

The chemical resistance of VARI 45 (Seal) was classified according
to ISO 4628-1 and VDI 2083 Part 17 with the following result:

Chemical resistance (24 h)			
Formalin 37 %	excellent	Hydrochloric acid 5 %	none
Ammoniac 25 %	excellent	Isopropanol 100 %	excellent
Hydrogen peroxide 30 %	excellent	Sodium hydroxide 5 %	excellent
Sulfuric acid 5 %	excellent	Sodium hypochlorite 5 %	good
Phosphoric acid 30 %	excellent		

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.

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

KA 2505-1627
Report No. first document

Stuttgart, June 6, 2025
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, head of business unit Testing and Certification



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IPA