





Fraunhofer TESTED® DEVICE Kawasaki Robotics GmbH Cover Wrist OP Report No. KA 2505-1627

Statement of Qualification

Single product Chemical Resistance

Statement of Qualification • Single product

Customer	Kawasaki Robotics GmbH Im Taubental 32 41468 Neuss	Test result/Classification	The chemical resistance of Cove to ISO 4628-1 and VDI 2083 Pa				according
	Germany		Chemical resistance	1 h	3h	6h	24 h
			Formalin 37 %	0	0	0	0
Tested product			Ammoniac 25 %	0	0	0	0
Category:	Materials		Hydrogen peroxide 30 %	0	0	0	0
	Plastics		Sulfuric acid 5 %	0	0	0	0
Subcategory:			Phosphoric acid 30 %	0	0	0	0
Product name:	Cover Wrist OP (Gasket) (manufacturing date: 9/2024; color: black; article number: 60347-0404)		Hydrochloric acid 5 %	0	0	0	0
			Isopropanol 100 %	0	0	0	0
			Sodium hydroxide 5 %	0	0	0	0
Chemical resistance test			Sodium hypochlorite 5 %	0	0	0	0
Standards/guidelines:	VDI 2083 Part 17; ISO 2812-1; ISO 4628-1 The norms stated generally refer to the version valid at the time of the tests.		The classification is based on a worst-case consideration. In the process, damage was assessed according to the classification system used in ISO 4628-1 and VDI 2083 Part 17:				
Test equipment:	MicroscopeCamera			weak very weak			
Test environment parameters:	Temperature:		2 = good 5 = 1	none			
Test procedure parameters:	Immersion method • Chemicals: Formalin 37 %	The measuring devices used for the qualification the and international standards. In cases where no nate regulations and norms applicable at the time of the test of test of the test of test	ational standards exist, the test proced he test. The relevant documentation ca	ure impleme an be vieweo	nted comp d on reque	lies with th	e technical
	Fraunhofer IPA	Business unit Testing and Certification Repo Nobelstrasse 12 70569 Stuttgart on be	2505-1627 Stuttgart, June 6, rt No. first document Place, date of first document rt No. current document rt No. current document Place, current date ehalf of Data Data rg. Frank Bürger, head of business unit Testing and Certification	ent issued	-	and is valid 5 years fror first docum The docum verified und	he named its original stat for a period o n the date the ent was issued ent can be

	This document only applies to the named product in its original state				
Stuttgart, June 6, 2025	and is valid for a period of				
Place, date of first document issued	5 years from the date the first document was issued. The document can be				
Place, current date	verified under				
Provide the second seco	www.tested-device.com				