

# ORBILAN RUBBERLEN

## Resistance to chemical substances

The following index gives information about the chemical resistance of the materials ORBILAN RUBBERLEN 55 and ORBILAN RUBBERLEN 70.

The information of the below-mentioned list refers to a sample, which remained 28 days in the substance in question without mechanical loading.

### Explanation of symbols

- + resistant
- conditionally resistant
- not resistant
- \* temperature of ebullition
- ▽ changing of colour is possible
- ▽ Verfärbungen sind möglich

### Table

A

substance	concentration	23 °C
acetone		○
alcoholic drinks		+
ASTM - No. 3 oil		-

B

substance	concentration	23 °C
brake fluid		+

B

substance	concentration	23 °C
cooling fluid	50% glysantin + 50% water	+

C

substance	concentration	23 °C
ethanol		+

F

substance	concentration	23 °C
fuel A	100% isooctane	-
fuel C	50% isooctane + 50% toluol	-

H

substance	concentration	23 °C
hydrogen peroxide	8%	+

M

substance	concentration	23 °C
methanol		+

P

substance	concentration	23 °C
potassium permanganate	5%	+
propanol		○

S

substance	concentration	23 °C
soap solution	20%	+
sodium chloride	15%	+
sodium hydroxide	50%	+
suds	1%	+
sulfuric acid, aqueous	96 %	+

W

substance	concentration	23 °C
water		+

02.2011

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## For all statements be valid

This product information based on our present know-how and experience. We strongly recommend doing application tests, because of the different influence of processing. They are typical values, not to be construed as specification, so there are no legal rights depending on this index. Respect trade mark rights if necessary. Feel free to contact us for additional technical information.

We would like to point out that the results mentioned in the table can be affected by incalculable heavy conditions like recurrent storage in the mentioned substances. The temperature, mechanically stress and duration of application can load the material in different ways and therefore in a lot of cases an individual advice as well as a practical test is absolutely necessary.

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