

VIKAFOAM | VIKADYN

Stability against
chemical influences



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General information

Test in accordance with DIN 53428:1986-08
(Testing of foams; Determination of the behaviour of liquids, fumes, gases and solids):

Evaluation criteria:

Evaluation levels:

Exposure time:
6 weeks at room temperature
7 days at room temperature for concentrated acids and bases

Changes in tensile strength, elongation at break and volume change

- A)** Excellent resistance against chemical influences
- B)** Good resistance against chemical influences
- C)** Moderate resistance against chemical influences
- D)** No resistance against chemical influences

Water / aqueous solutions	IAC VIKAFOAM VF	IAC VIKADYN VD
Water	A	A
Ferrous chloride 10 %	A	A
Sodium carbonate 10 %	A	A
Sodium chlorate 10 %	A	A
Sodium chloride 10 %	A	A
Sodium nitrate 10 %	A	A
Tensides (various)	A	A
Hydrogen peroxide 3 %	A	A
Concrete slurry	A	A
Acids and bases	IAC VIKAFOAM VF	IAC VIKADYN VD
Formic acid 5 %	C	C
Acetic acid 5 %	B	B
Phosphoric acid 5 %	A	A
Nitric acid 5 %	D	D
Hydrochloric acid 5 %	A	A
Sulfuric acid 5 %	A	A
Ammonia solution 5 %	A	A
Potassium lye 5 %	A	A
Soda lye 5 %	A	A
Environmental and biological influences	IAC VIKAFOAM VF	IAC VIKADYN VD
Hydrolysis (28 days, 70 °C, 95 % relative humidity)	A	A
Ozone	A	A
UV radiation and weather	A/B	A/B
Biological stability	A	A
Oil and Fats	IAC VIKAFOAM VF	IAC VIKADYN VD
ASTM Oil No. 1	A	A
ASTM Oil No. 3	B	B
Drilling oil	B	B
Hydraulic oils	depending on composition	depending on composition
Motor oil	A	A
Forming oil	A	A
Flange lubricant	C	A/B
Point grease	A/B	A/B
Solvents	IAC VIKAFOAM VF	IAC VIKADYN VD
Acetone	D	D
Diesel/heating oil	B	B
Motor gasoline/petrole	C	C
Glycerin	A	A
Glycols	B	A/B
Cleaning benzine/hexan	B	A
Methanol	D	C
Aromatic hydrocarbons	D	D

All information and data is based on our current knowledge. The data are subject to typical manufacturing tolerances and are not guaranteed. We reserve the right to amend the data.