

General information

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

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

Evaluation criteria:

Changes in tensile strength, elongation at break and volume change:

Evaluation levels:

- 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	PURASYS vibrafoam SD	PURASYS vibradyn® S
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	PURASYS vibrafoam SD	PURASYS vibradyn® S
Formid 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	PURASYS vibrafoam SD	PURASYS vibradyn® S
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	PURASYS vibrafoam SD	PURASYS vibradyn® S
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
Point grease	A/B	A/B
Solvents	PURASYS vibrafoam SD	PURASYS vibradyn® S
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. Responsible publisher: Vibisol AB. Edition 2023.