

Sulfuric acid

Formula	H ₂ SO ₄
Substance group	Acid
Density	1.85 g/cm ³
Molar mass	98,08 g/mol
Boiling point	338 °C
Flash point	
Explosion risk	no
pH value	
Trivial name	Oil of vitriol

- Resistant
- Resistant with risk of stress crack
- Resistant with risk of swelling
- Conditionally resistant
- Not resistant

PE 100 / PE 100 RC

State: in aqueous solution

Concentration: 98%

 A_{21}/A_{2B}

State: in aqueous solution

Concentration: 96%

 A_{21}/A_{2B}

2,7

State: in aqueous solution

Concentration: 93%

 A_{21}/A_{2B}

2,0

State: in aqueous solution

Concentration: 90%

 A_{21}/A_{2B}

1,5

1,7

2,0

State: in aqueous solution

Concentration: 85%

 A_{21}/A_{2B}

1,1

1,2

1,3

1,5

PE 100 / PE 100 RC

State: in aqueous solution

Concentration: 80%



State: in aqueous solution

Concentration: 40%



State: in aqueous solution

Concentration: 3%



State: in aqueous solution

Concentration: 1%



PP-C

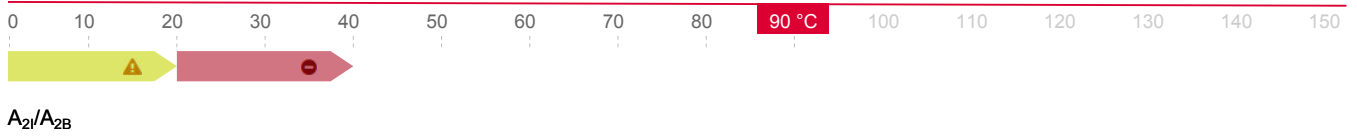
State: in aqueous solution

Concentration: 98%



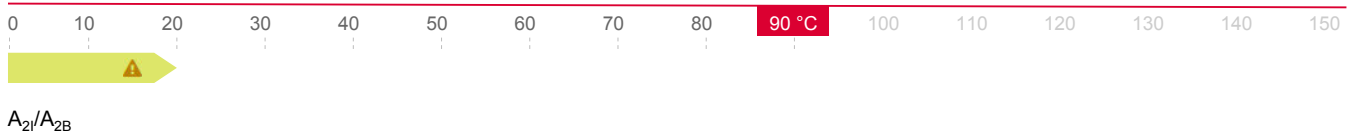
State: in aqueous solution

Concentration: 96%



State: in aqueous solution

Concentration: 93%



PP-C

State: in aqueous solution

Concentration: 90%

 A_{21}/A_{2B}

State: in aqueous solution

Concentration: 85%

 A_{21}/A_{2B}

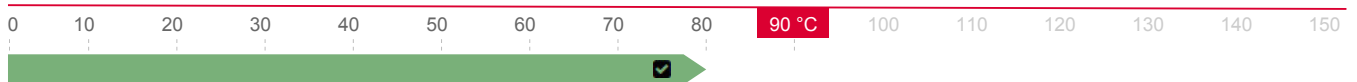
State: in aqueous solution

Concentration: 80%

 A_{21}/A_{2B}

State: in aqueous solution

Concentration: 40%

 A_{21}/A_{2B}

State: in aqueous solution

Concentration: 3%

 A_{21}/A_{2B}

State: in aqueous solution

Concentration: 1%

 A_{21}/A_{2B}

PP-H AlphaPlus®

State: in aqueous solution

Concentration: 98%

 A_{21}/A_{2B}

PP-H AlphaPlus®

State: in aqueous solution

Concentration: 96%

 A_{21}/A_{2B}

State: in aqueous solution

Concentration: 93%

 A_{21}/A_{2B}

State: in aqueous solution

Concentration: 90%

 A_{21}/A_{2B}

State: in aqueous solution

Concentration: 85%

 A_{21}/A_{2B}

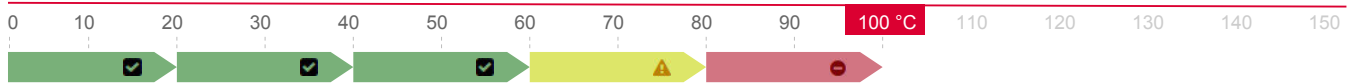
1,2

1,3

1,4

State: in aqueous solution

Concentration: 80%

 A_{21}/A_{2B}

1,1

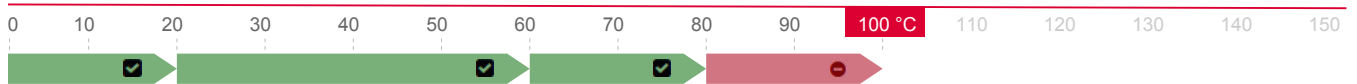
1,3 / 1,4

1,5

1,7

State: in aqueous solution

Concentration: 40%

 A_{21}/A_{2B}

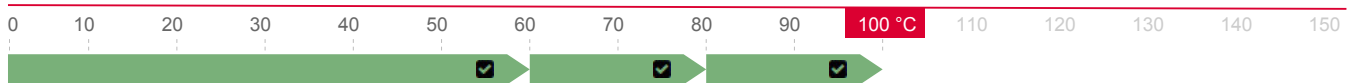
1

1

1,4

State: in aqueous solution

Concentration: 3%

 A_{21}/A_{2B}

1

1,1

1,2

PP-H AlphaPlus®

State: in aqueous solution

Concentration: 1%

 A_{21}/A_{2B}

PVC-CAW

State: in aqueous solution

Concentration: 98%

 A_{21}/A_{2B}

9

State: in aqueous solution

Concentration: 96%

 A_{21}/A_{2B}

1,1

1,1

State: in aqueous solution

Concentration: 93%

 A_{21}/A_{2B}

1,1

1,1

State: in aqueous solution

Concentration: 90%

 A_{21}/A_{2B}

1,1

State: in aqueous solution

Concentration: 85%

 A_{21}/A_{2B}

1,1

State: in aqueous solution

Concentration: 80%

 A_{21}/A_{2B}

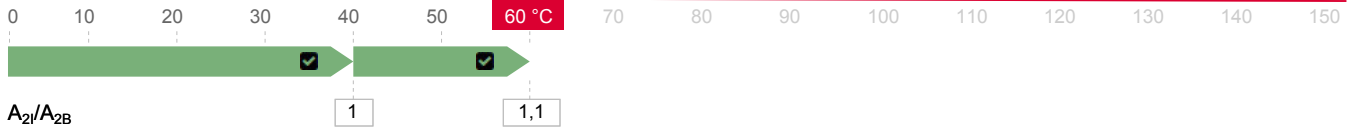
1,1

1,3

PVC-CAW

State: in aqueous solution

Concentration: 40%



State: in aqueous solution

Concentration: 3%



State: in aqueous solution

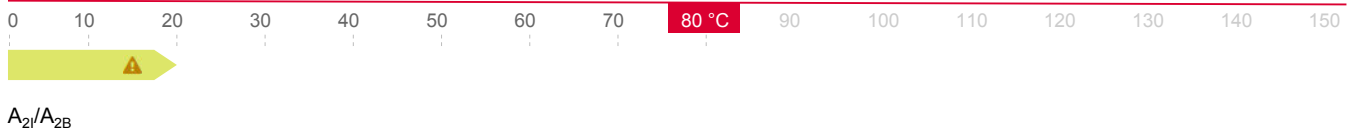
Concentration: 1%



CPVC CORZAN Industrial Grade

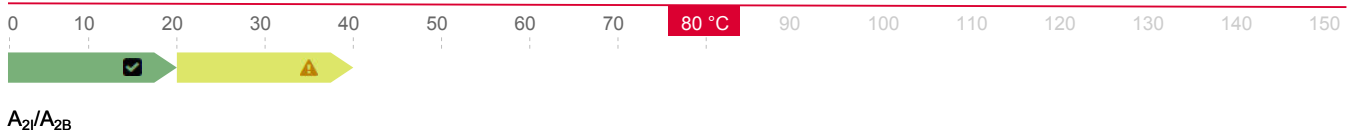
State: in aqueous solution

Concentration: 98%



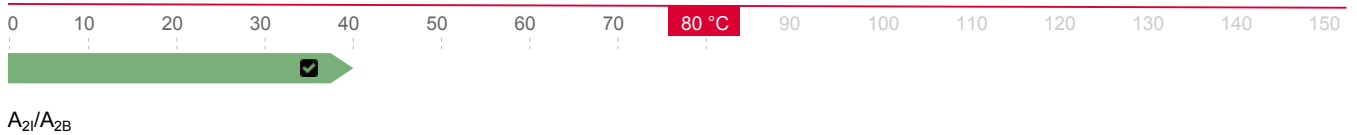
State: in aqueous solution

Concentration: 96%



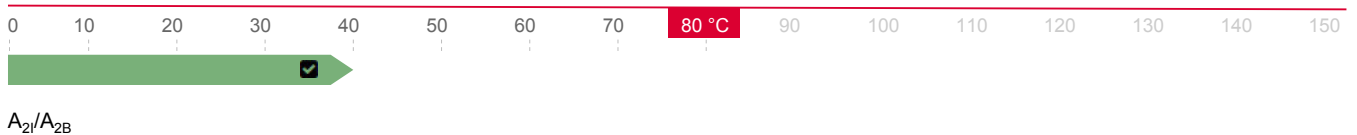
State: in aqueous solution

Concentration: 93%



State: in aqueous solution

Concentration: 90%



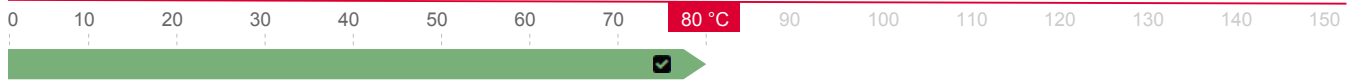
CPVC CORZAN Industrial Grade

State: in aqueous solution Concentration: 85%



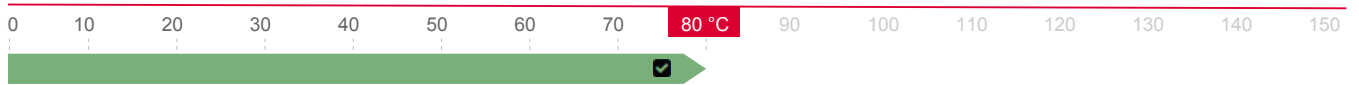
A₂₁/A_{2B}

State: in aqueous solution Concentration: 80%



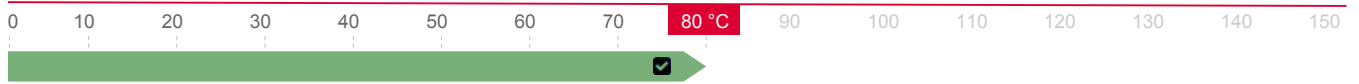
A₂₁/A_{2B}

State: in aqueous solution Concentration: 40%



A₂₁/A_{2B}

State: in aqueous solution Concentration: 3%



A₂₁/A_{2B}

State: in aqueous solution Concentration: 1%



PVDF

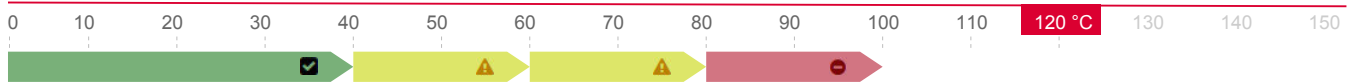
State: in aqueous solution Concentration: 98%



A₂₁/A_{2B}

1,4

State: in aqueous solution Concentration: 96%

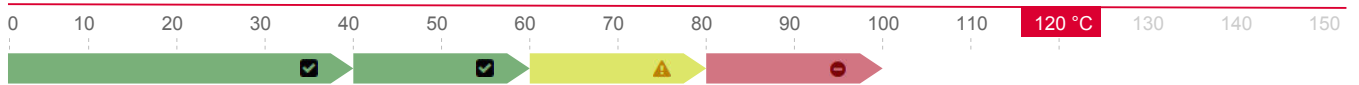


A₂₁/A_{2B}

1,3

2,5

State: in aqueous solution Concentration: 93%



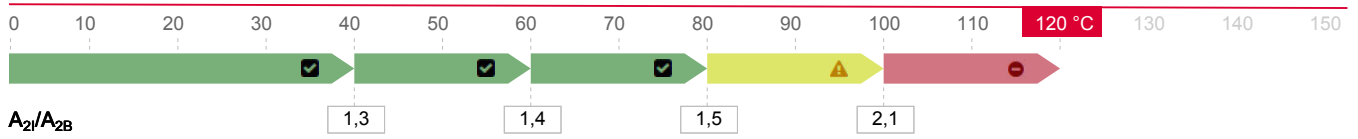
A₂₁/A_{2B}

1,3

PVDF

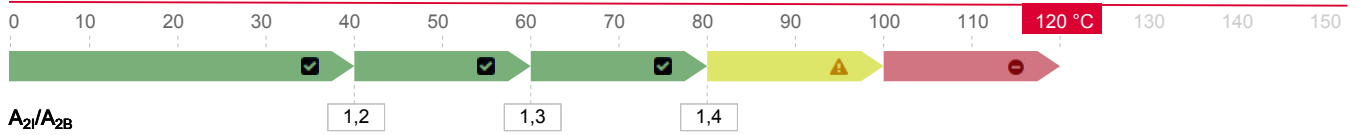
State: in aqueous solution

Concentration: 90%



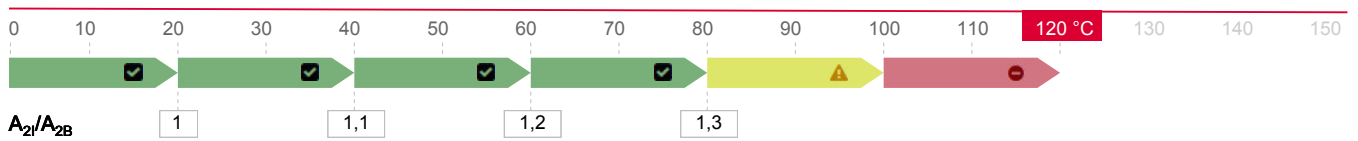
State: in aqueous solution

Concentration: 85%



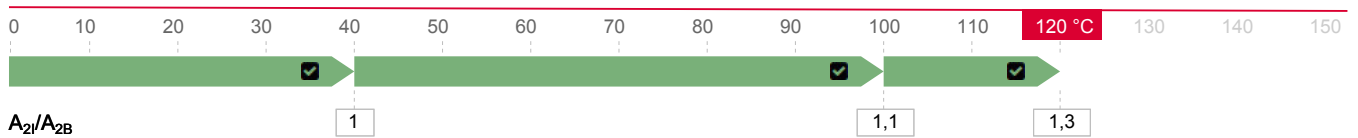
State: in aqueous solution

Concentration: 80%



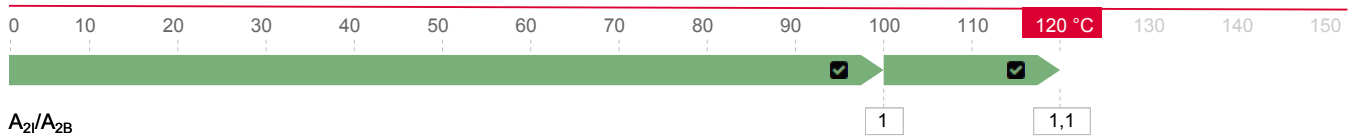
State: in aqueous solution

Concentration: 40%



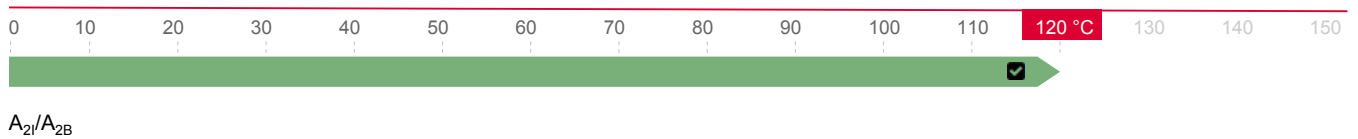
State: in aqueous solution

Concentration: 3%



State: in aqueous solution

Concentration: 1%



ECTFE

State: in aqueous solution

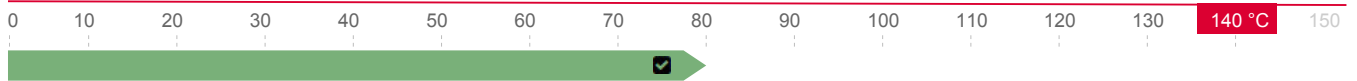
Concentration: 98%



ECTFE

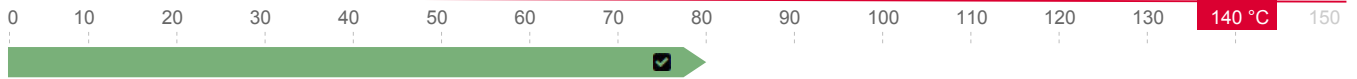
State: in aqueous solution

Concentration: 96%

 A_{21}/A_{2B}

State: in aqueous solution

Concentration: 93%

 A_{21}/A_{2B}

State: in aqueous solution

Concentration: 90%

 A_{21}/A_{2B}

State: in aqueous solution

Concentration: 85%

 A_{21}/A_{2B}

State: in aqueous solution

Concentration: 80%

 A_{21}/A_{2B}

State: in aqueous solution

Concentration: 40%

 A_{21}/A_{2B}

State: in aqueous solution

Concentration: 3%

 A_{21}/A_{2B}

ECTFE

State: in aqueous solution

Concentration: 1%

A₂/A_{2B}

PFA

State: in aqueous solution

Concentration: 98%



Ggf. ist der Werkstoff bei Temperaturen über 150°C für dieses Medium geeignet. Bitte wenden Sie sich für eine entsprechenden Einschätzung an das SIMONA-TSC (tsc@simona.de)

State: in aqueous solution

Concentration: 96%



Ggf. ist der Werkstoff bei Temperaturen über 150°C für dieses Medium geeignet. Bitte wenden Sie sich für eine entsprechenden Einschätzung an das SIMONA-TSC (tsc@simona.de)

State: in aqueous solution

Concentration: 93%



Ggf. ist der Werkstoff bei Temperaturen über 150°C für dieses Medium geeignet. Bitte wenden Sie sich für eine entsprechenden Einschätzung an das SIMONA-TSC (tsc@simona.de)

State: in aqueous solution

Concentration: 90%



Ggf. ist der Werkstoff bei Temperaturen über 150°C für dieses Medium geeignet. Bitte wenden Sie sich für eine entsprechenden Einschätzung an das SIMONA-TSC (tsc@simona.de)

PFA

State: in aqueous solution

Concentration: 85%



Ggf. ist der Werkstoff bei Temperaturen über 150°C für dieses Medium geeignet. Bitte wenden Sie sich für eine entsprechenden Einschätzung an das SIMONA-TSC (tsc@simona.de)

State: in aqueous solution

Concentration: 80%



Ggf. ist der Werkstoff bei Temperaturen über 150°C für dieses Medium geeignet. Bitte wenden Sie sich für eine entsprechenden Einschätzung an das SIMONA-TSC (tsc@simona.de)

State: in aqueous solution

Concentration: 40%



Ggf. ist der Werkstoff bei Temperaturen über 150°C für dieses Medium geeignet. Bitte wenden Sie sich für eine entsprechenden Einschätzung an das SIMONA-TSC (tsc@simona.de)

State: in aqueous solution

Concentration: 3%



Ggf. ist der Werkstoff bei Temperaturen über 150°C für dieses Medium geeignet. Bitte wenden Sie sich für eine entsprechenden Einschätzung an das SIMONA-TSC (tsc@simona.de)

State: in aqueous solution

Concentration: 1%



Ggf. ist der Werkstoff bei Temperaturen über 150°C für dieses Medium geeignet. Bitte wenden Sie sich für eine entsprechenden Einschätzung an das SIMONA-TSC (tsc@simona.de)