



CAPE GRATING

Suppliers of steel and fiberglass floor grating

Chemical Resistance

| CHEMICAL | TYPE'Vinyl' | | TYPE'Iso' | | TYPE'Ortho' | |
|----------------------|-------------|-------------------|-----------|-------------------|-------------|-------------------|
| | %Conc. | Max.Oper.Temp.F/C | %Conc. | Max.Oper.Temp.F/C | %Conc. | Max.Oper.Temp.F/C |
| Acetic Acid | 50 | 180/82 | 50 | 125/52 | 25 | N/R |
| Aluminum Hydroxide | 100 | 180/82 | 100 | 160/71 | ALL | -- |
| Ammonium Chloride | ALL | 120/99 | ALL | 170/77 | ALL | -- |
| Ammonium Bicarbonate | 50 | 160/70 | 50 | 125/52 | ALL | -- |
| Ammonium Hydroxide | 28 | 100/38 | 28 | N/R | ALL | N/R |
| Ammonium Sulfate | ALL | 210/99 | ALL | 170/77 | ALL | -- |
| Benzene | ALL | N/R | ALL | N/R | ALL | N/R |
| Benzoic Acid | SAT | 210/99 | SAT | 150/66 | ALL | 77/25 |
| Borax | SAT | 210/99 | SAT | 170/77 | ALL | -- |
| Calcium Carbonate | ALL | 180/82 | ALL | 170/77 | ALL | -- |

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|-------------------------|-----|--------|-----|--------|-----|--------|
| Calcium Nitrate | ALL | 210/99 | ALL | 180/82 | ALL | -- |
| Carbon Tetrachloride | 100 | 150/65 | 100 | N/R | 100 | N/R |
| Chlorine Water | SAT | 200/93 | SAT | 80/27 | SAT | N/R |
| Citric Acid | ALL | 210/99 | ALL | 170/77 | ALL | 77/25 |
| Copper Chloride | ALL | 210/99 | ALL | 170/77 | ALL | 104/40 |
| Copper Cyanide | ALL | 210/99 | ALL | 170/77 | ALL | 77/25 |
| Copper Nitrate | ALL | 210/99 | ALL | 170/77 | ALL | -- |
| Ferric Chloride | ALL | 210/99 | ALL | 170/77 | ALL | 104/40 |
| Ferrous Chloride | ALL | 210/99 | ALL | 170/77 | ALL | 86/30 |
| Formaldehyde | ALL | 150/65 | 50 | 75/24 | 25 | -- |
| Gasoline | 100 | 180/82 | 100 | 80/27 | 100 | 77/25 |
| Glucose | 100 | 210/99 | 100 | 170/77 | ALL | -- |
| Glycerin | 100 | 210/99 | 100 | 150/66 | 100 | -- |
| Lithium Chloride | SAT | 210/99 | SAT | 150/66 | ALL | -- |
| Magnesium Chloride | ALL | 210/99 | ALL | 170/77 | ALL | 104/40 |
| Magnesium | ALL | 210/99 | ALL | 140/60 | ALL | 86/30 |

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|----------------------|-----|--------|-----|--------|-----|--------|
| Nitrate | | | | | | |
| Mercuric Sulfate | ALL | 210/99 | ALL | 170/77 | ALL | 104/40 |
| Mercuric Chloride | 100 | 210/99 | 100 | 150/66 | 100 | 104/40 |
| Mercurous Chloride | ALL | 210/99 | ALL | 140/60 | ALL | 104/40 |
| Nickel Chloride | ALL | 210/99 | ALL | 170/77 | ALL | 104/40 |
| Nickel Sulfate | ALL | 210/99 | ALL | 170/77 | ALL | 104/40 |
| Nitric Acid | 20 | 120/49 | 20 | 70/21 | 2 | N/R |
| Oxalic Acid | ALL | 210/99 | ALL | 75/24 | ALL | N/R |
| Potassium Chloride | ALL | 210/99 | ALL | 170/77 | ALL | 104/40 |
| Potassium Dichromate | ALL | 210/99 | ALL | 170/77 | ALL | 77/25 |
| Potassium Nitrate | ALL | 210/99 | ALL | 170/77 | ALL | 104/40 |
| Potassium Sulfate | ALL | 210/99 | ALL | 170/77 | ALL | 104/40 |
| Propylene Glycol | ALL | 210/99 | ALL | 170/77 | ALL | 104/40 |
| Sodium | ALL | 210/99 | ALL | 170/77 | 5 | N/R |

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|---|-----|--------|-----|--------|-----|--------|
| Cyanide | | | | | | |
| Sodium Nitrate | ALL | 210/99 | ALL | 170/77 | ALL | 104/40 |
| Sodium Sulfate | ALL | 210/99 | ALL | 170/77 | ALL | 104/40 |
| Stannic Chloride | ALL | 210/99 | ALL | 160/77 | ALL | 104/40 |
| Vinegar | 100 | 210/99 | 100 | 170/77 | ALL | -- |
| Zinc Nitrate | ALL | 210/99 | ALL | 170/77 | ALL | 104/40 |
| <p>ALL...Concentrations;SAT...Saturated Solution;N/R..Not Recommended;--...No Information</p> <p>Available.Remark;The corrosion resistance data listed above is for general information only.</p> | | | | | | |