

| CHEMICAL | % | TEMP C | TEMP F | ABS | ACETAL | PVDF | NYLON | POLYCARBONATE | POLYPROPYLENE | POLYSULFONE |
|-----------------------|-----------|--------|--------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Acetic Acid | 5% | 23 C | 73 F | Excellent | Unsatisfactory | Excellent | Satisfactory | Satisfactory | Excellent | Excellent |
| Acetone | 100% | 50 C | 122 F | Unsatisfactory | Unsatisfactory | Unsatisfactory | Satisfactory | Unsatisfactory | Excellent | Unsatisfactory |
| Acetophenone | 100% | 24 C | 75 F | Satisfactory | — | Unsatisfactory | Excellent | — | Satisfactory | — |
| Acetylene | 100% | 24 C | 75 F | — | — | Excellent | Excellent | — | — | — |
| Air | 100% | 82 C | 180 F | Excellent | Excellent | Excellent | Excellent | — | — | Excellent |
| Ammonia, Liquid | 100% | 24 C | 75 F | Satisfactory | — | Unsatisfactory | Satisfactory | Unsatisfactory | Excellent | Excellent |
| Ammonium Hydroxide | 10% | 23 C | 73 F | Satisfactory | — | Excellent | Excellent | Unsatisfactory | Excellent | Excellent |
| Ammonium Hydroxide | 10% | 70 C | 158 F | Unsatisfactory | — | Excellent | Unsatisfactory | Unsatisfactory | Excellent | Excellent |
| Barium Sulfide | 100% | 24 C | 75 F | Excellent | Excellent | Excellent | Satisfactory | — | Excellent | — |
| Benzene | 100% | 23 C | 73 F | Satisfactory | Excellent | Excellent | Excellent | Unsatisfactory | Satisfactory | Unsatisfactory |
| Bleach | 100% | 23 C | 73 F | — | Unsatisfactory | Excellent | Satisfactory | Unsatisfactory | Satisfactory | Excellent |
| Boric Acid | 7% | 35 C | 95 F | Excellent | Excellent | Excellent | Unsatisfactory | Excellent | Excellent | — |
| Calcium Carbonate | Sat. sol. | 24 C | 75 F | Excellent | — | Excellent | — | — | Excellent | — |
| Carbon Dioxide | 100% | 50 C | 122 F | Satisfactory | Excellent | Excellent | Excellent | — | Excellent | — |
| Carbon Monoxide | 100% | 50 C | 122 F | Satisfactory | — | Excellent | Excellent | — | Excellent | — |
| Carbon Tetrachloride | 100% | 50 C | 122 F | Unsatisfactory | — | Excellent | Excellent | Unsatisfactory | Unsatisfactory | Unsatisfactory |
| Chlorine Water | Dilute | 23 C | 73 F | Unsatisfactory | — | Excellent | Satisfactory | Unsatisfactory | Unsatisfactory | Satisfactory |
| Chlorine Water | Concen. | 23 C | 73 F | Unsatisfactory | — | Excellent | Unsatisfactory | Unsatisfactory | Unsatisfactory | Unsatisfactory |
| Chlorobenzene | 100% | 23 C | 73 F | Satisfactory | — | Excellent | Excellent | Unsatisfactory | Unsatisfactory | Unsatisfactory |
| Chlorofluorocarbon 11 | 100% | 24 C | 75 F | — | — | Excellent | Excellent | Satisfactory | — | Excellent |
| Chloroform | 100% | 23 C | 73 F | Unsatisfactory | Satisfactory | Excellent | Satisfactory | Unsatisfactory | Unsatisfactory | Unsatisfactory |
| Cyclohexanone | 100% | 24 C | 75 F | Unsatisfactory | — | Excellent | Excellent | Unsatisfactory | Satisfactory | Unsatisfactory |
| Dichlorethylene | 100% | 23 C | 73 F | — | — | Excellent | Satisfactory | — | Excellent | Unsatisfactory |
| Ethanol | 95% | 50 C | 122 F | Satisfactory | — | Excellent | Excellent | Satisfactory | Excellent | Satisfactory |
| Ethyl Acetate | 95% | 50 C | 122 F | Satisfactory | — | Unsatisfactory | Excellent | Unsatisfactory | Satisfactory | Unsatisfactory |
| Ethylene Glycol | 100% | 23 C | 73 F | Excellent | Satisfactory | Excellent | Excellent | Satisfactory | Excellent | Excellent |
| Ethylene Oxide | 100% | 24 C | 75 F | Unsatisfactory | — | Excellent | Satisfactory | Satisfactory | Satisfactory | Excellent |
| Ethylene Oxide | 100% | 79 C | 175 F | Unsatisfactory | — | Excellent | Unsatisfactory | Satisfactory | Unsatisfactory | Excellent |
| Fatty Acids | — | — | — | — | Excellent | Excellent | — | Satisfactory | Excellent | — |
| Fluorine | 100% | 23 C | 73 F | Unsatisfactory | — | Excellent | Unsatisfactory | — | — | — |
| Formaldehyde | 37% | 24 C | 75 F | Unsatisfactory | Excellent | Excellent | — | Unsatisfactory | Excellent | Unsatisfactory |
| Gasoline | 100% | 85 C | 185 F | Excellent | Satisfactory | Excellent | Excellent | Unsatisfactory | Satisfactory | Satisfactory |
| Glucose | Concen. | 24 C | 75 F | Excellent | — | Excellent | — | — | Excellent | — |
| Glycerin | 100% | 24 C | 75 F | Excellent | — | Excellent | — | Excellent | Excellent | Excellent |
| Hydrochloric Acid | 2% | 23 C | 73 F | Excellent | Satisfactory | Excellent | Excellent | Excellent | Excellent | Excellent |
| Hydrochloric Acid | 10% | 25 C | 77 F | Excellent | Satisfactory | Excellent | Unsatisfactory | Excellent | Excellent | Excellent |
| Hydrofluoric Acid | 10% | 23 C | 73 F | Satisfactory | — | Excellent | Unsatisfactory | — | Excellent | Excellent |
| Hydrogen Peroxide | 1% | 24 C | 75 F | Excellent | Unsatisfactory | Excellent | Satisfactory | Excellent | Excellent | Excellent |
| Hydrogen Peroxide | 5% | 43 C | 110 F | Satisfactory | Unsatisfactory | Excellent | Unsatisfactory | Excellent | Satisfactory | Excellent |
| Isopropanol | 70% | 23 C | 73 F | — | Excellent | Excellent | Excellent | Call* | Excellent | Satisfactory |
| Kerosene | 100% | 85 C | 185 F | Satisfactory | — | Excellent | Excellent | Satisfactory | Satisfactory | Satisfactory |
| Methyl Ethyl Ketone | 100% | 50 C | 122 F | Unsatisfactory | — | Unsatisfactory | Excellent | Unsatisfactory | Satisfactory | Unsatisfactory |
| Methylene Chloride | 100% | 23 C | 73 F | Unsatisfactory | — | Excellent | Satisfactory | Unsatisfactory | Excellent | Unsatisfactory |
| Methanol | 100% | 23 C | 73 F | Unsatisfactory | — | Excellent | Excellent | Satisfactory | Excellent | Satisfactory |
| Nitric Acid | 10% | 23 C | 73 F | Satisfactory | — | Excellent | Unsatisfactory | Unsatisfactory | Excellent | Satisfactory |
| Oxygen | 100% | 24 C | 75 F | — | — | Excellent | Satisfactory | — | — | — |
| Ozone | 100% | 43 C | 110 F | Satisfactory | — | Satisfactory | Unsatisfactory | Unsatisfactory | — | — |
| Phenol | 90% | 23 C | 73 F | Unsatisfactory | Unsatisfactory | Excellent | Unsatisfactory | — | Excellent | — |
| Phosphoric Acid | 5% | 98 C | 208 F | Satisfactory | Unsatisfactory | Excellent | Unsatisfactory | Unsatisfactory | Excellent | Excellent |
| Propane | 100% | 23 C | 73 F | Satisfactory | — | Excellent | Excellent | — | — | — |
| Sodium Bicarbonate | Concen. | 24 C | 75 F | Excellent | Excellent | Excellent | Excellent | — | Excellent | Excellent |
| Sodium Chloride | 10% | 23 C | 73 F | Excellent | — | Excellent | Excellent | — | Excellent | Excellent |
| Sodium Chloride | Sat. sol. | 24 C | 75 F | Excellent | — | Excellent | Excellent | — | Excellent | Excellent |
| Sodium Hydroxide | 10% | 70 C | 158 F | Satisfactory | — | Excellent | Satisfactory | — | Excellent | Excellent |
| Steam | — | 120 C | 248 F | Unsatisfactory | — | Excellent | Unsatisfactory | Unsatisfactory | Satisfactory | Excellent |
| Sulfuric Acid | 30% | 23 C | 73 F | Satisfactory | Unsatisfactory | Excellent | Unsatisfactory | Excellent | Excellent | Excellent |
| Tetrahydrofuran | 100% | 23 C | 73 F | Satisfactory | — | Unsatisfactory | Excellent | — | Unsatisfactory | — |
| Toluene | 100% | 50 C | 122 F | Satisfactory | Unsatisfactory | Excellent | Excellent | Unsatisfactory | Unsatisfactory | Unsatisfactory |
| Trichloroethylene | 100% | 23 C | 73 F | Satisfactory | — | Excellent | Satisfactory | Unsatisfactory | Unsatisfactory | Unsatisfactory |
| Water | 100% | 79 C | 175 F | Excellent | — | Excellent | Excellent | Unsatisfactory | Excellent | Excellent |

* Call Value Plastics technical support to review your application and the concentration of Isopropanol that will be used.

The data presented here is for reference only. It was compiled primarily from the resin manufacturers' data to provide our customers with a means of comparing the characteristics of components at the time of publication. The particular conditions of your use and application of our products are beyond our control. Thus, it is imperative that you test our products in your specific application to determine their suitability. All information is provided without implied or express warranty or guarantee by Value Plastics® or other manufacturers. None of the information provided constitutes a recommendation or endorsement of any kind by Value Plastics®.