



Rulon® Chemical Resistance

Chemical	Rating
2 - butanone	A
Acetic acid	A
Acetylene	A
Alkalines	A
Ammonia	A
Amyl chloride	A
Aniline	A
Aqua Regia	A
Benzaldehyde or Benzonitrile	A
Benzenesulfonic Acid	A
Bromine	A
Calcium Hypochlorite	A
Camphor Oil or Carbon Sulfide	A
Carbon Tetrachloride	A
Chloral Hydrate or Chloroacetic Acid	A
Chlorine or Bleaching Agents	A
Chloroform or Chorosulfonic Acid	A
Chromic Acid	A
Concentrated Oxidizing Acids	A
Creosote or Cresol	A
Decalin or Dichlorobenzene	A
Diethyl Ether or Dimethylamine	A
Diemethyl Sulfoxide	A
Ethyl Acetate	A
Ethylene & Propylene Dichloride	A
Ferric Chloride	A
Ferric Nitrate	A
Ferric Sulfate	A
Ferrous Sulfate	A
Fluoboric Acid	A
Fluorinating Agents, Strong	NR
Fluorine > 140°F & Dry Gas > 250°F	NR
Fluosilicic Acid	A
Hydrobromic Acid	A

Chemical	Rating
Hydrochloric Acid	A
Hydrocyanic Acid	A
Hydrofluoric Acid	A
Hydrofluosilicic Acid	A
Hydrogen Fluoride, Dry > 250°F	NR
Hydrogen Peroxide	A
Hydrogen Sulfide, Moist	A
Hydroxides	A
Mercury or Silver Salts	A
Methyl Chloride or MEK	A
Molten Alkali Metals	NR
Molten Anhydrous Bases	NR
Nitric Acid	A
Nitro Benzene	A
Oleum	A
P-dioxane or Phenol	A
Partly Halogenated Hydrocarbons	A
Phosphoric Acid	A
Potassium Chlorate	A
Potassium or Sodium Cyanide	A
Potassium Dichromate or Nitrate	A
Potassium Hydroxide	A
Sodium Chlorate	A
Sodium Hydroxide	A
Sodium Nitrate	A
Stannous Chloride	A
Sulfur Dioxide 5% + H ₂ O	A
Sulfur Molten	A
Sulfuric Acid	A
Tetralin or Trichlorethylene	A
Toluene	A
Trifluoroacetic Acid	A
Xylene	A
Zinc Chloride	A



A = ACCEPTABLE

NR = NOT RECOMMENDED

Important Note:

This chart is intended to provide general information only; there are exceptions for some Rulon grades. We recommend that you check with [TriStar engineering](http://www.tristar-engineering.com) as some fillers can be attacked in certain chemical conditions.

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Engineering | Custom Fabrication | Manufacturing

CJ Composite

- Self-Lubricating
- Low weight | High Strength
- Chemical Resistance
- Direct replacement for Bronze



Ultracomp®

- Self-Lubricating
- High Load | Low Speed
- High Compressive Strength
- Vibration & Impact Resistance



TriSteel™

- Self-Lubricating
- High Load | High Speed
- Metal Backed Bearing System
- 100% Lead Free



Rulon®

- Self-Lubricating
- Low weight | High Strength
- Low Coefficient of Friction
- Chemically Resistant




Meldin®

- High Performance Materials
- High Temp Dimensional Stability
- Chemical Resistance
- Withstands Thermal Shocks



Enhanced Materials

- Plasma Surface Treatment
- Filtration Membranes
- Specialized Primers & Coatings
- Material ID & Selection




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