

## 常用单位换算

### 长度换算

1 厘米(cm) = 0.394 英寸(in)      1 英寸(in) = 2.54 厘米(cm)  
1 英尺(ft) = 12 英寸(in)

### 面积换算

1 平方米(m<sup>2</sup>) = 10.764 平方英尺(ft<sup>2</sup>)  
1 平方英寸(in<sup>2</sup>) = 6.452 平方厘米(cm<sup>2</sup>)

### 体积换算

1 美加仑(gal) = 3.785 升(l)  
1 立方英寸(in<sup>3</sup>) = 16.3871 立方厘米(cm<sup>3</sup>)  
1 千立方英尺(mcf) = 28.317 立方米(m<sup>3</sup>)  
1 英加仑(gal) = 4.546 升(l)  
1 立方英尺(ft<sup>3</sup>) = 0.0283 立方米(m<sup>3</sup>) = 28.317 升(liter)  
1 立方米(m<sup>3</sup>) = 1000 升(liter) = 35.315 立方英尺(ft<sup>3</sup>) = 6.29 桶(bbl)

### 质量换算

1 千克(kg) = 2.205 磅(lb)  
1 磅(lb) = 0.454 千克(kg) [常衡]      1 盎司(oz) = 28.350 克(g)  
1 吨(t) = 1000 千克(kg) = 2205 磅(lb) = 1.102 短吨(sh.ton)  
= 0.984 长吨(long ton)

### 密度换算

1 磅/英尺<sup>3</sup>(lb/ft<sup>3</sup>) = 16.02 千克/米<sup>3</sup>(kg/m<sup>3</sup>)  
1 磅/英加仑(lb/gal) = 99.776 千克/米<sup>3</sup>(kg/m<sup>3</sup>)  
1 磅/英寸<sup>3</sup>(lb/in<sup>3</sup>) = 27679.9 千克/米<sup>3</sup>(kg/m<sup>3</sup>)  
1 磅/美加仑(lb/gal) = 119.826 千克/米<sup>3</sup>(kg/m<sup>3</sup>)  
1 千克/米<sup>3</sup>(kg/m<sup>3</sup>) = 0.001 克/厘米<sup>3</sup>(g/cm<sup>3</sup>) = 0.0624 磅/英尺<sup>3</sup>(lb/ft<sup>3</sup>)

### 运动粘度换算

1 斯(St) = 10<sup>-4</sup> 米<sup>2</sup>/秒(m<sup>2</sup>/s) = 1 厘米<sup>2</sup>/秒(cm<sup>2</sup>/s)  
1 英尺<sup>2</sup>/秒(ft<sup>2</sup>/s) = 9.29030 × 10<sup>-2</sup> 米<sup>2</sup>/秒(m<sup>2</sup>/s)  
1 厘斯(cSt) = 10<sup>-6</sup> 米<sup>2</sup>/秒(m<sup>2</sup>/s) = 1 毫米<sup>2</sup>/秒(mm<sup>2</sup>/s)

### 动力粘度换算

动力粘度 1 泊(P) = 0.1 帕·秒(Pa·s)  
1 厘泊(cP) = 10<sup>-3</sup> 帕·秒(Pa·s)  
1 磅力秒/英尺<sup>2</sup>(lbf·s/ft<sup>2</sup>) = 47.8803 帕·秒(Pa·s)  
1 千克力秒/米<sup>2</sup>(kgf·s/m<sup>2</sup>) = 9.80665 帕·秒(Pa·s)

## 计量泵询价参数表

公 司: \_\_\_\_\_ 地址: \_\_\_\_\_

联系人: \_\_\_\_\_ 部门: \_\_\_\_\_

电 话: \_\_\_\_\_ 传真: \_\_\_\_\_

输送物料名称: \_\_\_\_\_

流量: (升/小时, 立方米/小时)

最大值: \_\_\_\_\_ 最小值: \_\_\_\_\_ 额定值: \_\_\_\_\_

出口压力: (Bar / Mpa)

最大值: \_\_\_\_\_ 最小值: \_\_\_\_\_ 额定值: \_\_\_\_\_

进口压力: (Bar / Mpa)

最大值: \_\_\_\_\_ 最小值: \_\_\_\_\_ 额定值: \_\_\_\_\_

输送介质温度: (°C) \_\_\_\_\_ 现场温度: (°C) \_\_\_\_\_

介质比重: \_\_\_\_\_ 蒸汽压: \_\_\_\_\_

粘度@输送温度: (cps) \_\_\_\_\_ 防爆要求: \_\_\_\_\_

安装地点:

☐ 室内 ☐ 室外

泵头型式:

☐ 隔膜泵头 ☐ 柱塞泵头

泵头加热夹套:

☐ 加热 ☐ 不加热

控制形式:

☐ 手动 ☐ 电动 ☐ 气动

管路条件:

其他特殊要求:



| ● 材料选择表                                         |             | 304 SS | 316 SS | Alloy 20 | Alloy C | PVC | PP   |      |
|-------------------------------------------------|-------------|--------|--------|----------|---------|-----|------|------|
|                                                 |             |        |        |          |         |     | 20°C | 60°C |
| Acetaldehyde                                    | 乙醛          | A      | A      | A        | A       | C   | B    | B    |
| Acetate Solvents                                | 醋酸盐溶液       | A      | A      | A        | A       | C   | A    | --   |
| Acetic Acid, Crude (1)                          | 生醋 [乙] 酸    | A      | A      | A        | A       | --  | --   | --   |
| Acetic Acid, Pure (1)                           | 纯醋 [乙] 酸    | A      | A      | A        | A       | C   | B    | B    |
| Acetic Acid 10%                                 | 10%纯醋 [乙] 酸 | B      | A      | A        | A       | A   | A    | A    |
| Acetic Acid 80%                                 | 80%纯醋 [乙] 酸 | B      | B      | A        | A       | C   | A    | B    |
| Acetic Anhydride                                | 酸酐          | B      | A      | A        | A       | C   | --   | --   |
| Acetone                                         | 丙酮          | A      | A      | A        | A       | C   | A    | A    |
| Acetylene                                       | 乙炔, 电石气     | A      | A      | A        | A       | --  | A    | --   |
| Acrylonitrile                                   | 丙烯腈, 氯乙烯    | A      | A      | A        | A       | --  | --   | --   |
| Allyl Chloride                                  | 烯丙基, 氯化物    | --     | --     | A        | --      | C   | A    | B    |
| Aluminum chloride (2)                           | 氯化铝         | C      | B      | A        | B       | A   | A    | A    |
| Aluminum Hydroxide (3)                          | 氢氧化铝        | B      | A      | A        | --      | A   | A    | --   |
| Aluminum Nitrate                                | 硝酸铝         | B      | A      | A        | --      | A   | A    | --   |
| Aluminum Sulfate                                | 硫酸铝         | B      | A      | A        | A       | A   | A    | A    |
| Alums (1) (General--see specific chemical) (23) | 矾, 硫酸铝      | C      | B      | A        | A       | A   | A    | A    |
| Amines (4)                                      | 胺           | A      | A      | A        | A       | A   | --   | --   |
| Amines (filming) (5)                            | 胺 (片, 涂膜)   | A      | A      | A        | A       | A   | --   | --   |
| Ammonia, Anhydrous (Liq.) (1)                   | 无水氨         | A      | A      | A        | A       | A   | A    | A    |
| Ammonia Solutions                               | 氨溶液         | A      | A      | A        | A       | A   | A    | A    |
| Ammonium Carbonate                              | 碳酸铵         | A      | A      | A        | A       | A   | A    | A    |
| Ammonium Chloride                               | 氯化铵         | A      | A      | A        | A       | A   | A    | A    |
| Ammonium Hydroxide                              | 氢氧化铵        | A      | A      | A        | A       | A   | A    | A    |
| Ammonium Mono Phosphate                         | 单磷酸铵        | A      | A      | A        | A       | A   | A    | A    |
| Ammonium Di-Phosphate                           | 双磷酸铵        | A      | A      | A        | A       | A   | A    | A    |
| Ammonium Tri-Phosphate                          | 三磷酸铵        | A      | A      | A        | A       | A   | A    | A    |
| Ammonium Nitrate                                | 硝酸铵         | A      | A      | A        | A       | A   | A    | A    |
| Ammonium Sulfate                                | 硫酸铵         | B      | A      | A        | A       | A   | A    | A    |
| Ammonium Sulfide                                | 硫化铵         | B      | B      | A        | --      | A   | A    | A    |
| Ammonium Thiocyanate                            | 硫氰酸铵        | A      | A      | B        | A       | A   | A    | A    |
| Amyl Acetate                                    | 戊醋酸         | A      | A      | A        | A       | C   | B    | C    |
| Amyl Alcohol                                    |             | A      | A      | A        | A       | B   | C    | C    |
| Amyl Chloride                                   | 戊基, 氯化物     | A      | A      | A        | A       | C   | B    | C    |
| Aniline                                         | 苯胺          | A      | A      | A        | A       | C   | A    | A    |
| Aniline Dyes                                    | 苯胺染料        | A      | A      | A        | A       | C   | A    | A    |
| Arsenic Acid                                    | 砷酸          | B      | B      | A        | B       | A   | A    | A    |
| Barium Carbonate                                | 碳酸钡         | B      | B      | B        | A       | A   | A    | A    |
| Barium chloride                                 | 氯化钡         | A      | A      | A        | A       | A   | A    | A    |
| Barium Cyanide                                  | 氰化钡         | A      | A      | A        | A       | --  | --   | --   |
| Barium Hydroxide                                | 氢氧化钡        | A      | A      | A        | A       | A   | A    | A    |
| Barium Sulfate                                  | 硫酸钡         | B      | A      | A        | --      | A   | A    | A    |
| Barium Sulfide                                  | 硫化钡         | A      | B      | A        | --      | A   | A    | A    |
| Beer                                            | 啤酒          | A      | A      | A        | A       | A   | A    | A    |
| Beet Sugar Liquors                              | 甜菜液         | A      | A      | A        | A       | A   | --   | --   |
| Benzene or Benzol                               | 苯或粗苯        | A      | A      | A        | A       | C   | B    | C    |
| Benzaldehyde                                    | 苯 (甲) 醛     | A      | A      | A        | A       | C   | A    | --   |
| Benzoic Acid                                    | 苯酸, 安息香酸    | A      | A      | B        | A       | A   | A    | A    |
| Black Sulfate Liquor                            | 黑硫酸溶液       | --     | A      | A        | --      | A   | V    | V    |
| Borax (Sodium Borate)                           | 硼砂 (硼砂钠)    | A      | A      | A        | A       | A   | A    | A    |
| Boric Acid                                      | 硼酸          | A      | A      | A        | A       | A   | A    | A    |



| 材料选择表                                          |              | 304 SS             | 316 SS | Alloy 20 | Alloy C | PVC | PP   |      |
|------------------------------------------------|--------------|--------------------|--------|----------|---------|-----|------|------|
|                                                |              |                    |        |          |         |     | 20°C | 60°C |
| Bromic Acid                                    | 溴酸           | C                  | C      | C        | --      | A   | --   | --   |
| Bromine                                        | 溴            | C                  | C      | --       | A       | C   | C    | C    |
| Butane                                         | 丁烷           | A                  | A      | A        | A       | A   | A    | --   |
| Butylene (Butene)                              | 丁烯           | A                  | A      | A        | A       | A   | --   | --   |
| Butadiene                                      | 丁二烯          | A                  | A      | A        | A       | A   | --   | --   |
| Butyl Acetate                                  | 醋酸丁酯         | --                 | A      | A        | A       | B   | A    | B    |
| Butyl Alcohol                                  | 丁醇           | A                  | A      | A        | A       | A   | A    | A    |
| Butyl Mercaptan                                | 丁硫醇          | B                  | B      | B        | A       | --  | --   | --   |
| Butyric Acid                                   | 丁酸           | B                  | A      | A        | A       | B   | --   | --   |
| Calcium Acetate                                | 醋酸钙          | A                  | A      | A        | A       | --  | --   | --   |
| Calcium Bisulfite                              | 二硫化钙         | B                  | A      | A        | A       | A   | A    | A    |
| Calcium Carbonate (1)                          | 碳酸钙          | A                  | A      | A        | B       | A   | A    | A    |
| Calcium Chlorate                               | 氯酸钙          | A                  | A      | B        | A       | A   | A    | A    |
| Calcium Chlorate (6)                           | 氯化钙          | C                  | B      | A        | A       | A   | A    | A    |
| Calcium Hydroxide (1.7.9)                      | 氢氧化钙         | A                  | A      | A        | A       | A   | A    | A    |
| Calcium Hypochlorite (1.8)                     | 次氯酸钙         | B                  | B      | B        | A       | A   | A    | A    |
| Calcium Nitrate                                | 硝酸钙          | B                  | A      | A        | A       | A   | A    | A    |
| Calcium Sulfate                                | 硫酸钙          | A                  | A      | A        | A       | A   | A    | A    |
| Cane Sugar Liquors                             | 甘蔗液          | --                 | A      | A        | A       | --  | A    | --   |
| Caramel                                        | 焦糖           | --                 | A      | --       | --      | --  | --   | --   |
| Carbolic Acid (phenol)                         | 石碳酸 (酚)      | A                  | A      | A        | A       | A   | A    | A    |
| Carbon Bisulfide                               | 二硫化碳         | A                  | A      | A        | A       | A   | B    | C    |
| Carbon Dioxide-Consult Application Engineering | 二氧化碳         | A                  | A      | A        | A       | A   | A    | A    |
| Carbon Acid (10)                               | 碳酸           | A                  | A      | A        | A       | A   | A    | A    |
| Carbon Tetrachloride                           | 四氯化碳         | A                  | A      | A        | A       | C   | B    | C    |
| Cellosolve                                     | 熔干剂          | A                  | A      | A        | A       | A   | A    | --   |
| Chelant (chelate)                              | 螯合掩蔽剂        | 多种化学品的聚合--须由用户指定材料 |        |          |         |     |      |      |
| Chloral hydrate                                | 氯醛, 氢氧化物     | --                 | --     | A        | --      | A   | --   | --   |
| Chloracetic Acid                               | 碱            | C                  | C      | A        | A       | A   | B    | C    |
| Chlorine (Liq) (Sodium Hypochlorite)           | 氯 (水) (次氯酸钠) | C                  | C      | C        | A       | B   | C    | C    |
| Chlorobenzene (Dry)                            | 氯苯           | B                  | A      | A        | A       | C   | A    | B    |
| Chloroform                                     | 三氯甲烷, 氯仿     | A                  | A      | A        | A       | C   | C    | C    |
| Chlorosulfonic Acid                            | 氯磺化酸         | --                 | --     | --       | --      | A   | C    | C    |
| Chromic Acid 10%                               | 铬酸10%        | --                 | --     | A        | --      | A   | A    | A    |
| Chromic Acid 50% cold                          | 铬酸50% (冷)    | C                  | A      | A        | A       | A   | B    | B    |
| Chromic Acid 50% to 140°F                      | 铬酸50% 140°F  | --                 | B      | --       | A       | A   | B    | B    |
| Citric Acid                                    | 柠檬酸          | B                  | A      | A        | A       | A   | A    | A    |
| Cobalt Acetate                                 | 醋酸钴          | B                  | A      | --       | --      | --  | --   | --   |
| Coffee Extracts (Hot)                          | 咖啡萃取液        | A                  | A      | A        | A       | --  | --   | --   |
| Copper Acetate                                 | 醋酸铜          | A                  | A      | A        | A       | A   | --   | --   |
| Copper Chloride (9)                            | 氯化铜          | C                  | C      | C        | A       | A   | A    | A    |
| Copper Cyanide                                 | 蓝晶石铜         | A                  | A      | --       | --      | A   | A    | A    |
| Copper Nitrate                                 | 硝酸铜          | A                  | A      | --       | --      | A   | A    | A    |
| Copper Sulfate                                 | 硫酸铜          | A                  | A      | A        | A       | A   | A    | A    |
| Cresote                                        |              | A                  | A      | A        | --      | --  | --   | --   |
| Cresylic Acid (50%)                            | 甲苯基酸         | A                  | A      | A        | A       | A   | --   | --   |
| Cyclohexane                                    | 环己烷          | A                  | A      | A        | A       | C   | B    | C    |
| Detergent                                      | 洗涤剂          | --                 | --     | --       | --      | A   | A    | A    |



| 材料选择表                                               |          | 304 SS | 316 SS | Alloy 20 | Alloy C | PVC | PP   |      |
|-----------------------------------------------------|----------|--------|--------|----------|---------|-----|------|------|
|                                                     |          |        |        |          |         |     | 20°C | 60°C |
| Dichloro Ethane                                     | 乙烷       | A      | A      | A        | --      | --  | --   | --   |
| Diethylamine                                        | 二乙醇胺     | A      | A      | A        | --      | C   | --   | --   |
| Diethylene Glycol                                   | 二甘醇      | A      | A      | A        | --      | A   | A    | A    |
| Dowtherms                                           | 道氏热载体    | A      | A      | A        | --      | C   | --   | --   |
| Dyes                                                | 染料       | --     | A      | --       | --      | --  | --   | --   |
| EDTA                                                | 乙二胺四脂酸   | A      | A      | A        | --      | --  | --   | --   |
| Ethers (Ethyl)                                      | 醚、乙醚     | A      | A      | A        | A       | C   | B    | C    |
| Ethyl Acetate                                       | 醋酸乙脂     | A      | A      | A        | A       | C   | A    | B    |
| Ethyl Alcohol                                       | 乙醇       | A      | A      | A        | --      | A   | A    | A    |
| Ethyl Butyrate                                      | 丁酸盐乙脂    | A      | A      | A        | --      | --  | C    | C    |
| Ethyl Chloride                                      | 乙基氯、氯乙烷  | A      | A      | A        | A       | C   | C    | C    |
| Ethylene Chloride                                   | 乙烯氯      | A      | A      | --       | --      | C   | B    | C    |
| Ethylene Glycol                                     | 甘醇、乙二醇   | A      | A      | A        | A       | A   | A    | A    |
| Ethyl Mercaptan                                     | 乙基硫醇     | --     | A      | --       | --      | --  | --   | --   |
| Ethylene Oxide                                      | 氧化乙烯     | A      | A      | A        | A       | C   | B    | --   |
| Fatty Acids (1)                                     | 脂肪酸      | A      | A      | A        | A       | A   | A    | A    |
| Ferric Chloride (1.11)                              | 三氯化铁     | C      | C      | C        | B       | A   | A    | A    |
| Ferric Nitrate                                      | 硝酸铁      | A      | A      | A        | B       | A   | A    | A    |
| Ferric Sulfate (1)                                  | 硫酸铁      | B      | A      | A        | A       | A   | A    | A    |
| Ferrous Chloride (1.11)                             | 氯化亚铁     | C      | C      | C        | A       | A   | A    | A    |
| Ferrous Sulfate (1)                                 | 硫酸亚铁     | C      | B      | A        | A       | A   | A    | A    |
| Filter Aid (1) (General-see specific Chemical) (23) | 加滤剂      | A      | A      | A        | A       | --  | --   | --   |
| Fluosilicic Acid                                    | 氟硅酸盐     | C      | B      | B        | B       | A   | A    | A    |
| Formaldehyde                                        | 甲醛、蚁醛    | A      | A      | A        | A       | A   | A    | A    |
| Formic Acid                                         | 甲酸、蚁酸    | A      | A      | A        | A       | B   | A    | A    |
| Fruit Juices                                        | 果汁       | B      | A      | A        | A       | A   | A    | A    |
| Freon                                               | 氟里昂      | --     | A      | --       | --      | A   | A    | B    |
| Furfural                                            | 糠醛       | A      | A      | A        | A       | C   | C    | C    |
| Gallic Acid (5%)                                    | 正镓酸      | A      | A      | A        | --      | A   | A    | A    |
| Gasoline                                            | 汽油       | A      | A      | A        | A       | A   | B    | B    |
| Glucose                                             | 葡萄糖、右旋糖  | A      | A      | A        | --      | A   | A    | A    |
| Glycerol (Glycerin)                                 | 甘油、丙三醇   | A      | A      | A        | A       | A   | A    | A    |
| Heptane, Hexane                                     | 庚烷、(正)己烷 | A      | A      | A        | --      | A   | A    | A    |
| Hydrazine (12)                                      | 肼、联氨     | A      | A      | --       | --      | --  | --   | --   |
| Hydrobromic Acid (1)                                | 氢溴酸、溴化氢  | C      | C      | C        | B       | A   | A    | A    |
| Hydrochloric Acid (1)                               | 盐酸、氢氯酸   | C      | C      | C        | B       | A   | A    | A    |
| (* up to 38% concentration.)                        |          |        |        |          |         |     |      |      |
| Hydrocyanic Acid (1)                                | 氰氢酸      | A      | A      | A        | A       | A   | A    | --   |
| Hydrofluoric Acid (13.22)                           | 氢氟酸      | C      | C      | C        | B       | A   | A    | A    |
| Hydrogen Peroxide-Consult Application Eng           | 过氧化氢     | --     | --     | --       | --      | --  | --   | --   |
| Hydrogen Sulfide                                    | 硫化氢      | A      | A      | A        | A       | A   | A    | A    |
| Hydrofluosilicic Acid (22)                          |          | C      | B      | B        | B       | A   | A    | A    |
| Inks                                                | 油墨       | A      | A      | --       | --      | A   | A    | A    |
| Iodine Solutions                                    |          | C      | C      | C        | --      | C   | B    | C    |
| Kerosene                                            | 煤油       | A      | A      | A        | A       | A   | A    | B    |
| Lactic Acid (to 60% to 100°F)                       | 乳酸 ≤60%  | B      | A      | A        | A       | A   | A    | A    |
| Lactic Acid (over 60% to 100°F)                     | 乳酸 >60%  | B      | B      | B        | B       | C   | A    | B    |
| Lead Acetate                                        | 醋酸铅      | A      | A      | --       | --      | A   | A    | A    |
| Lime Slurries (7.23)                                | 石灰浆      | --     | --     | --       | --      | --  | --   | --   |



| 材料选择表                        |                  | 304 SS | 316 SS | Alloy 20 | Alloy C | PVC | PP   |      |
|------------------------------|------------------|--------|--------|----------|---------|-----|------|------|
|                              |                  |        |        |          |         |     | 20°C | 60°C |
| Linseed Oil                  | 亚麻油              | A      | A      | --       |         | A   | A    | A    |
| Magnesium Carbonate          | 碳酸镁              | A      | A      | --       | --      | A   | A    | A    |
| Magnesium Chloride           | 氯化镁              | C      | C      | A        | A       | A   | A    | A    |
| Magnesium Hydroxide          | 氢氧化镁             | A      | A      | A        | A       | A   | A    | A    |
| Magnesium Nitrate            | 硝酸镁              | A      | A      | A        | A       | A   | A    | A    |
| Magnesium Sulfate            | 硫酸镁              | A      | A      | A        | A       | A   | A    | A    |
| Maleic Acid                  | 缩苹果酸, 马来酸, 顺丁烯二酸 | A      | A      | A        | A       | A   | A    | A    |
| Malic Acid                   | 苹果酸, 羟基丁二酸       | A      | A      | A        | A       | A   | A    | B    |
| Melamine Resins              | 三聚氰胺树脂           | A      | A      | A        | A       | A   | --   | --   |
| Mercuric Chloride (1)        | 氯化汞              | C      | C      | A        | A       | A   | A    | A    |
| Mercuric Cyanide             | 氰化汞              | A      | A      | --       | --      | A   | A    | A    |
| Mercury (14)                 | 汞, 水银            | A      | A      | A        | A       | A   | A    | A    |
| Methyl Acetate               | 醋酸               | A      | A      | --       | --      | --  | --   | --   |
| Methyl Acetone               | 甲酮               | A      | A      | A        | --      | C   | --   | --   |
| Methyl Alcohol               | 甲醇               | A      | A      | A        | A       | A   | A    | A    |
| Methylamine                  | 甲胺               | A      | A      | A        | --      | --  | --   | --   |
| Methyl Bromide               | 甲基溴化物            | --     | A      | A        | A       | C   | B    | C    |
| Methyl Cellosolve            | 甲基溶纤剂            | A      | A      | A        | --      | --  | --   | --   |
| Methyl Chloride (Liq)        | 氯甲烷              | A      | A      | A        | A       | C   | B    | C    |
| Methyl Ethyl Ketone (MEK)    | 丁酮, 甲/乙基酮        | A      | A      | A        | --      | C   | A    | B    |
| Methylene Chloride           | 甲基氯              | A      | A      | --       | --      | C   | B    | C    |
| Molasses                     | 磨炼层              | A      | A      | A        | --      | A   | A    | A    |
| Mono Chloroacetic Acid       | 单氯酸              | C      | C      | B        | A       | A   | A    | B    |
| Morpholine                   | 吗啉               | A      | A      | A        | A       | A   | --   | --   |
| Naphtha                      | 挥发油, 矿物油         | A      | A      | A        | A       | A   | A    | B    |
| Naphthalene                  | 萘 (球), 卫生球       | A      | A      | A        | A       | C   | A    | A    |
| Nickel Chloride              | 氯化镍              | C      | A      | A        | A       | A   | A    | A    |
| Nickel Nitrate               | 硝酸镍              | A      | A      | --       | --      | A   | A    | A    |
| Nickel Sulfate               | 硫酸镍              | A      | A      | A        | A       | A   | A    | A    |
| Nicotinic Acid               | 烟酸, 氮苯酸          | A      | A      | A        | --      | A   | A    | A    |
| Nitric Acid                  | 硝酸10%            | B      | A      | B        | B       | A   | A    | B    |
| Nitric Acid                  | 硝酸70% 100°F      | A      | B      | B        | B       | A   | C    | C    |
| Nitrobenzene                 | 硝基苯              | A      | A      | A        | A       | C   | B    | B    |
| Oils, Animal                 | 动物油              | A      | A      | --       | --      | A   | A    | B    |
| Oil, Cottonseed              | 棉子油              | A      | A      | A        | A       | A   | A    | B    |
| Oils, Fuel                   | 燃油               | A      | A      | A        | --      | A   | B    | C    |
| Oleic Acid                   | 油酸               | --     | A      | A        | A       | A   | A    | B    |
| Oleum (15)                   | 发烟硫酸             | B      | A      | A        | A       | C   | C    | C    |
| Oxalic Acid                  | 乙二酸, 草酸          | B      | B      | A        | A       | A   | A    | B    |
| Palmitic Acid (Under 200°F)  | 棕榈酸              | A      | A      | --       | --      | A   | A    | A    |
| Perchloroethylene (Dry)      | 全氯乙烯             | A      | A      | A        | --      | C   | C    | --   |
| Perchloric Acid (10)%        | 高氯酸              | C      | C      | C        | --      | B   | A    | A    |
| Phenol (Carbolic Acid)       | 石炭酸              | A      | A      | A        | A       | A   | A    | A    |
| Phosphoric Acid (1)          | 磷酸               | B      | A      | A        | A       | A   | A*   | A*   |
| (* Up to 80% concentration.) |                  |        |        |          |         |     |      |      |
| Phosphorus Trichloride       | 三氯化磷             | --     | --     | A        | A       | C   | --   | --   |
| Pioric Acid                  |                  | A      | A      | A        | A       | C   | A    | --   |
| Potassium Bicarbonate        | 碳酸氢钾             | A      | A      | --       | --      | A   | A    | A    |
| Potassium Bromate            | 溴酸钾              | --     | --     | --       | --      | A   | A    | A    |
| Potassium Bromide            | 溴化钾              | A      | A      | A        | A       | A   | A    | A    |



| 材料选择表                           |            | 304 SS | 316 SS | Alloy 20 | Alloy C | PVC | PP   |      |
|---------------------------------|------------|--------|--------|----------|---------|-----|------|------|
|                                 |            |        |        |          |         |     | 20°C | 60°C |
| Potassium Carbonate             | 碳酸钾        | A      | A      | A        | A       | A   | A    | A    |
| Potassium Chlorate              | 氯酸钾        | A      | A      | --       | --      | A   | A    | A    |
| Potassium Chloride              | 氯化钾        | C      | A      | A        | A       | A   | A    | A    |
| Potassium Chromate              | 铬酸钾        | A      | A      | A        | A       | A   | A    | A    |
| Potassium Cyanide               | 氰化钾        | A      | A      | A        | A       | A   | A    | A    |
| Potassium Fluoride              | 氟化钾        | A      | A      | A        | --      | B   | A    | A    |
| Potassium Hydroxide             | 氢氧化钾       | B      | A      | A        | A       | A   | A    | A    |
| Potassium Nitrate               | 硝酸钾        | A      | A      | A        | A       | A   | A    | A    |
| Potassium Permanganate          | 高锰酸钾       | A      | A      | A        | A       | A   | B    | B    |
| Potassium Mono Phosphate        | 单磷酸钾       | A      | A      | A        | A       | A   | --   | --   |
| Potassium Di-Phosphate          | 二磷酸钾       | A      | A      | A        | A       | A   | --   | --   |
| Potassium Sulfate               | 硫酸钾        | A      | A      | A        | A       | A   | A    | A    |
| Potassium sulfide               | 硫化钾        | A      | A      | A        | --      | A   | A    | A    |
| Potassium Sulfite               | 亚硫酸钾       | A      | A      | A        | --      | A   | A    | A    |
| Potassium Tetra Borate          | 4 硼酸钾      | --     | --     | --       | --      | A   | A    | A    |
| Propane (Liquid)                | 丙烷         | A      | A      | A        | --      | A   | --   | --   |
| Propyl Alcohol                  | 丙基乙醇       | A      | A      | A        | --      | B   | A    | A    |
| Propylene Glycol                | 丙烯二醇       | A      | A      | A        | --      | C   | A    | A    |
| Resins&Rosins                   | 树脂, 松香     | A      | A      | --       | A       | --  | --   | --   |
| Sea Water                       | 海水         | C      | B      | A        | C       | A   | A    | A    |
| Silver Nitrate                  | 硝酸银        | A      | A      | A        | --      | A   | A    | A    |
| Soap Solutions (Stearates)      | 肥皂液 (硬脂酸盐) | A      | A      | A        | A       | A   | A    | A    |
| Sodium Acetate                  | 醋酸钠        | B      | A      | A        | A       | A   | A    | A    |
| Sodium Aluminate (9)            | 铝酸钠        | A      | A      | A        | A       | B   | --   | --   |
| Sodium Bicarbonate              | 碳酸氢钠       | A      | A      | A        | A       | A   | --   | --   |
| Sodium Bisulfate (to 100° F)    | 硫酸氢钠       | B      | A      | A        | A       | A   | A    | A    |
| Sodium Bisulfite (to 100° F)    | 亚硫酸氢钠      | A      | A      | A        | A       | A   | A    | A    |
| Sodium Borate                   | 硼酸钠        | A      | A      | --       | --      | A   | A    | A    |
| Sodium Carbonate (Soda Ash)     | 碳酸钠 (苏打水)  | A      | A      | A        | A       | A   | A    | A    |
| Sodium Chlorate                 | 氯酸钠        | A      | A      | --       | A       | A   | A    | A    |
| Sodium Chloride (1)             | 氯化钠        | B      | B      | A        | A       | A   | A    | A    |
| Sodium Chlorite (to 20%)        | 亚氯酸钠       | C      | C      | C        | A       | C   | A    | B    |
| Sodium Chromate                 | 铬酸钠        | A      | A      | A        | A       | A   | A    | A    |
| Sodium Cyanide                  | 氰化钠        | A      | A      | A        | A       | A   | A    | A    |
| Sodium Fluoride                 | 氟化钠        | B      | B      | A        | B       | A   | A    | A    |
| Sodium Hydroxide 20%, to75° F   | 氢氧化钠       | A      | A      | A        | A       | A   | A    | A    |
| Sodium Hydroxide 20%, 75-210° F | 氢氧化钠       | A      | A      | A        | A       | A   | A    | --   |
| Sodium Hydroxide 50%. To75° F   | 氢氧化钠       | A      | A      | B        | A       | A   | A    | B    |
| Sodium Hydroxide 50%, 75-175° F | 氢氧化钠       | B      | A      | B        | --      | A   | A    | --   |
| Sodium Hypochlorite             | 次氯酸钠       | C      | C      | C        | A       | A   | A    | B    |
| Sodium Nitrate (16)             | 硝酸钠        | A      | A      | A        | A       | A   | A    | A    |
| Sodium Perborate                | 过硼酸钠       | A      | A      | A        | A       | B   | A    | --   |
| Sodium Peroxide                 | 过氧化钠       | A      | A      | A        | A       | B   | --   | --   |
| Sodium Mono Phosphate (17)      | 单磷酸钠       | B      | A      | A        | A       | A   | A    | --   |
| Sodium Di-or Tri-Phosphate (17) | 二或三磷酸钠     | A      | A      | A        | A       | A   | A    | A    |
| Sodium Polyphosphate (17.18)    | 聚磷酸钠       | A      | A      | A        | A       | A   | --   | --   |
| Sodium Silicate (9)             | 硅酸钠        | A      | A      | A        | A       | B   | A    | A    |
| Sodium Sulfate                  | 硫酸钠        | A      | A      | A        | A       | A   | A    | A    |
| Sodium Sulfide                  | 硫化钠        | B      | A      | A        | A       | B   | A    | A    |
| Sodium Sulfite                  | 亚硫酸钠       | A      | A      | A        | A       | A   | A    | A    |