

常用材质适用表

| 化学名 | 俗名 | Glass | PVDF | PP | PVC | SS 316 | PMMA 亚克力 | Hastelloy | PTFE | FPM | EPDM | NBR | PE |
|---------------|-------------|-------|----------|-----|------|--------|----------|-----------|-------|-----|--------|---------|-----|
| | | 玻璃 | 聚偏(二)氟乙烯 | 聚丙烯 | 聚氯乙烯 | 不锈钢 | 聚甲基丙烯酸甲酯 | 哈氏合金 | 聚四氟乙烯 | 氟橡胶 | 三元乙丙橡胶 | 腈基丁二烯橡胶 | 聚乙烯 |
| CH3COOH | 乙酸 | ○ | ● | ● | ● | ● | × | ● | ● | × | ● | × | ● |
| Al2 (SO4) 3 | 硫酸铝 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| R-NH2 | 氨基 | ● | ○ | ● | × | ● | ? | ● | ● | × | ○ | × | ● |
| Ca (OH) 2 | 石灰 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Ca (OCl) 2 | 次氯酸钙 | ● | ● | ● | ● | × | ● | ● | ● | ● | ● | × | ● |
| CuSO4 | 硫酸铜 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| FeCl3 | 三氯化铁 | ● | ● | ● | ● | × | ● | ● | ● | ● | ● | ● | ● |
| HF | 氢氟酸 | × | ● | ● | ○ | × | × | ○ | ● | ● | × | × | ● |
| HCl | 盐酸 | ● | ● | ● | ● | × | ● | ● | ● | ● | × | × | ● |
| H2O2 | 过氧化氢 | ● | ● | ● | ● | ● | × | ● | ● | ● | ○ | × | ● |
| HNO3 | 硝酸 | ● | ● | ○ | × | ○ | × | ● | ● | ● | × | × | ○ |
| H3PO4 | 磷酸 | ● | ● | ● | ● | ○ | ● | ● | ● | ● | ● | × | ● |
| KMnO4 | 高锰酸钾 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | × | ● |
| NaHSO3 | 亚硫酸氢钠 | ● | ● | ● | ● | ○ | ● | ● | ● | ● | ● | ● | ● |
| Na2CO3 | 纯碱 | ○ | ● | ● | ● | ● | ● | ● | ● | ○ | ● | ● | ● |
| NaOH | 氢氧化钠/火/烧/片碱 | ○ | ● | ● | ● | ● | ● | ● | ● | ○ | ● | ○ | ● |
| NaOCl + NaCl | 漂白水 | ● | ● | ○ | ● | × | ● | ● | ● | ● | ● | ○ | ● |
| H2SO4 (85%) | 硫酸 | ● | ● | ● | ● | ○ | × | ● | ● | ● | × | × | ● |
| H2SO4 (98.5%) | 硫酸 | ● | ● | × | × | × | × | ● | ● | ● | × | × | × |
| NH4OH | 氨水 | ● | ● | ● | ● | ● | ● | ● | ● | × | ● | × | ● |

●—可以； ○—尚可； ×—不行； ?—未经测试