



化 学 特 性

● 优 ○ 好 △ 普通 × 劣

化学式	浓度 %	温度		塑胶				橡胶		不锈钢	
		℃	℉	PVC	PP	PVDF	PTFE	NBR	304	316	
氨水 NH ₄ OH	10	40	104	●	●	●	●	○			
	10	80	176		○	●	●				
王水 3HCL+HNO ₃	10	40	104	△	△	●	●				
	10	80	176			●	●				
苯 C ₆ H ₆	纯	40	104	×	△	○	●				
		80	176			△	●				
漂白液 Ca (ClO) ₂	5	40	104	●		●	●				
	5	80	176			●	●				
	20	40	104	●		●	●				
	20	80	176			●	●				
硼酸 H ₃ BO ₃	饱和	40	104	●	●	●	●	●			
		80	176		●	●	●	○			
盐水		40	104	●	●	●	●	●			
		80	176		●	●	●				
丁二烯 CH ₂ =CH=CH=CH ₂	气体	40	104	●		●	●				
		80	176			●	●				
丁烷 CH ₃ (CH ₂) ₂ CH ₃	气体	10	104	●	●	●	●				
		80	176		●	●	●				
硝酸 HNO ₃	10	40	104	●	●	●	●	●	●	●	
	10	80	176	×	○	●	●		●		
	30	40	104	●	●	●	●		●	●	
	30	80	176	×	○	●	●		●	●	
	50	40	104	○	○	●	●		●	●	
	50	80	176	×	×	○	●				
	70	40	104	○	×	●	●		○	●	
	70	80	176	×		○	●				
	98	40	104			○	○				
	98	80	176				△				
草酸 HOOC-COOH	20	40	104	●	●	●	●	●		△	
	20	80	176		●	●	●				
	50	40	104	●	●	●	●			△	
	50	80	176		●	●	●				
磷酸 H ₃ PO ₄	10	40	104	●	●	●	●	●	●	●	
	10	80	176		○	●	●	△	●	●	
	50	40	104	●	●	●	●	●	●	●	
	50	80	176		△	●	●	×	●	●	
	80	40	104	●	●	●	●	○	●	●	
	80	80	176		△	●	●		●	●	
氢氧化钠 NaOH	15	40	104	●	●	●	●	●	●	●	
	15	80	176		○	△	●	△	×	×	
	30	40	104	●	●	●	●	●	●	●	
	30	80	176		○	△	●	●	×	×	
	50	40	104	●	●	○	●	●	●	●	
	50	80	176		○	×	●	●	×	×	
	70	40	104	○	○	○	●				
	70	80	176		○	×	●				

化学式	浓度 %	温度		塑胶				橡胶	不锈钢	
		℃	℉	PVC	PP	PVDF	PTFE	NBR	304	316
次氯酸钠 NaClO	3	40	104	●	○	●	●		△	○
	3	80	176							
	5	40	104	●	○	●	●		△	○
	5	80	176							
	7	40	104	●	△	○	●		×	×
	7	80	176							
	10	40	104	●	△	●	●		×	×
	10	80	176							
	13	40	104	●	△	●	●		×	×
13	80	176								
硫酸 H ₂ SO ₄	10	40	104	●	●	●	●	●	●	●
	10	80	176		●	●	●	○	○	○
	30	40	104	●	●	●	●	●	×	×
	30	80	176		●	●	●	○	×	×
	50	40	104	●	●	●	●	○	×	×
	50	80	176		●	●	●	△	×	×
	60	10	104	●	●	●	●	●	×	×
	60	80	176		○	●	●	○	×	×
	70	40	104	●	●	●	●	○	×	×
	70	80	176		○	●	●	△	×	×
	80	40	104	●	●	●	●	●	×	×
	80	80	176		○	●	●	△		
	90	40	104	○	●	●	●	△	×	×
	90	80	176		○	●	●	△		
	98	40	104	△		●	○		○	○
98	80	176			△	○				
氯气 CL ₂	湿	40	104	○		●	●			
	湿	80	176			△	●			
	干	40	104	●		●	●			
	干	80	176			●	●			
铬酸 H ₂ CrO ₄	10	40	104	●		●	●			
	10	80	176			●	●			
	20	40	104	△		●	●			
	20	80	176			●	●			
	40	40	104	△		●	●			
	40	80	176			●	●			
	50	40	104	×		●	●			
50	80	176			△	●				
盐酸 HCL	15	40	104	●	●	●	●	○		
	15	80	176		●	●	●			
	25	40	104	●	●	●	●	×		
	25	80	176		●	●	●			
	35	40	104	●	●	●	●	×		
	35	80	176		○	●	●			
	38	40	104	●	●	●	●	×		
	38	80	176		○	●	○			

化学式	浓度 %	温度		塑胶				橡胶			不锈钢	
		℃	F	PVC	PP	PVDF	PTFE	NBR	304	316		
柠檬酸 C ₅ H ₈ O ₇	10	40	104	●	●	●	●	●	●	●		
	10	80	176		○	●	●	●				
汽油	10	40	104	●		●	●					
	10	80	176			●	●					
柴油		40	104			●	●			●	●	
		80	176			●	●			●	●	
乙醇 C ₂ H ₅ OH	纯	40	104	●	●	●	●	●	○	○		
		80	176		○	●	●	○				
乙酸 HCOOH	90	40	104	○	○	●	●					
		80	176			●	●					
氢氟酸 HF	稀释	40	104	●	○	●	●	●				
	稀释	80	176		○	●	●	●				
	30	40	104	○	○	●	●	●				
	30	80	176	×	○	●	●	●				
	40	40	104	△	○	●	●	●				
	40	80	176		○	●	●	●				
	50	10	104	△	○	●	●	●				
	50	80	176		○	●	●	●				
	50	80	176		○	●	●	●				
双氧水 H ₂ O ₂	5	40	104	●	●	●	●		○	●		
	5	80	176		○	●	●					
	20	40	104	●	●	●	●					
	20	80	176		○	●	●					
	30	40	104	○	○	●	●					
	30	80	176		△	●	●					
	50	40	104	△	×	●	●					
	50	80	176			●	●					
	90	40	104			●	●					
90	80	176			●	●						
異丙醇 (CH ₃) ₂ CHOH	纯	40	104	●	●	●	●	○				
		80	176			●	●					
煤油		40	104	●	○	●	●					
		80	176			●	●					
甲醇 CH ₃ OH		40	104	○	●	●	●	△				
		80	176		○	●	●					
丁酮 CH ₃ COC ₂ H ₅		40	104		△		●					
		80	176				●					
铬酸钾 K ₂ CrO ₄		40	104	●	●	●	●	●				
		80	176		○	●	●	○				
甲苯 C ₆ H ₅ CH ₃		40	104		△	△	●					
		80	176				○					