

化學特性

● 優 ○ 好 △ 普通 × 劣

化學式	濃度 %	溫度		塑膠				橡膠		不銹鋼	
		°C	°F	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	純	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	飽合	40	104	●	●	●	●	●			
		80	176		●	●	●	○			
鹽水		40	104	●	●	●	●	●			
		80	176		●	●	●				
丁二烯 CH ₂ =CH=CH=CH ₂	氣體	40	104	●		●	●				
		80	176			●	●				
丁烷 CH(CH ₂) ₂ CH ₃	氣體	40	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 HOCCOOH	20	40	104	●	●	●	●	●		△	
	20	80	176		●	●	●				
	50	40	104	●	●	●	●			△	
	50	80	176		●	●	●				
磷酸 HOCCOOH	10	40	104	●	●	●	●	●	●	●	
	10	80	176		○	●	●	△	●	●	
	50	40	104	●	●	●	●	●	●	●	
	50	80	176		△	●	●	×	●	●	
	80	40	104	●	●	●	●	○	●	●	
	80	80	176		△	●	●		●	●	
丁烷 CH(CH ₂) ₂ CH ₃	氣體	40	104	●	●	●	●				
		80	176		●	●	●				
苛性鈉 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		○	×	●				

化學式	濃度 %	溫度		塑膠				橡膠		不銹鋼	
		°C	°F	PVC	PP	PVDF	PTFE	NBR	304	316	
次氯酸鹽 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	40	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			△	○					
甲苯 C ₆ H ₅ CH ₃		40	104		△	△	●				
		80	176				○				
氯氣 Cl ₂	濕	40	104	○		●	●				
	濕	80	176			△	●				
	乾	40	104	●		●	●				
	乾	80	176			●	●				
鉻酸 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			△	●				
鹽酸 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		○	●	○				

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化學式	濃度 %	溫度		塑膠				橡膠	不銹鋼	
		°C	°F	PVC	PP	PVDF	PTFE	NBR	304	316
檸檬酸 $C_6H_8O_7$	10	40	104	●	●	●	●	●	●	●
	10	80	176		○	●	●	●		
汽油	10	40	104	●		●	●			
	10	80	176			●	●			
柴油		40	104			●	●		●	●
		80	176			●	●		●	●
乙醇 C_2H_5OH	純	40	104	●	●	●	●	●	○	○
		80	176		○	●	●	○		
蟻酸 $HCOOH$	90	40	104	○	○	●	●			
		80	176			●	●			
氫氟酸 HF	稀釋	40	104	●	○	●	●	●		
		80	176		○	●	●	●		
	30	40	104	○	○	●	●	●		
		80	176	×	○	●	●	●		
	40	40	104	△	○	●	●	●		
		80	176		○	●	●	●		
	50	40	104	△	○	●	●	●		
		80	176		○	●	●	●		
雙氧水 H_2O_2	5	40	104	●	●	●	●		○	●
	5	80	176		○	●	●			
	20	40	104	●	●	●	●			
		80	176		○	●	●			
	30	40	104	○	○	●	●			
		80	176		△	●	●			
	50	40	104	△	×	●	●			
		80	176			●	●			
	90	40	104			●	●			
		80	176			●	●			
異丙醇 $(CH_3)_2CHOH$	純	40	104	●	●	●	●	○		
		80	176			●	●			
煤油		40	104	●	○	●	●			
		80	176			●	●			
甲醇 CH_3OH		40	104	○	●	●	●	△		
		80	176		○	●	●			
丁酮 $CH_3COCH_2CH_3$		40	104		△		●			
		80	176				●			
鉻酸鉀 $K_2Cr_2O_7$		40	104	●	●	●	●	●		
		80	176		○	●	●	○		