

化性表

◎很少或無影響 ○輕微影響 △嚴重影響 ×不適用

介質	化學式	濃度(%)	°C	°F	UPVC	CPVC	PP	PVDF	EPDM	Viton	PTFE
Acetic Acid 乙酸 醋酸	CH ₃ COOH	10	20	68	◎	◎	◎	◎	◎	○	◎
			40	104	◎	◎	◎	◎	◎		◎
			60	140	○	◎	◎	◎	○		◎
			80	176		○	○	◎			◎
			100	212							◎
		50	20	68	◎	△	◎	◎	○	×	◎
			40	104			◎	◎			◎
			60	140			○	◎			◎
			80	176				○			◎
			100	212							◎
		100	20	68	×	×	×	◎	×	×	◎
			40	104				○			◎
			60	140							◎
			80	176							◎
			100	212							◎
Aluminum Sulfate 硫酸鋁	Al ₂ (SO ₄) ₃	10	20	68	◎	◎	◎	◎	◎	◎	◎
			40	104	◎	◎	◎	◎	◎	◎	◎
			60	140	○	◎	◎	◎	○	○	◎
			80	176		◎	○	◎			◎
			100	212				◎			◎
Ammonium Sulfate 硫酸銨	(NH ₄) ₂ SO ₄	5	20	68	◎	◎	◎	◎	◎	◎	◎
			40	104	◎	◎	◎	◎	◎	◎	◎
			60	140	○	◎	◎	◎	◎	◎	◎
			80	176		◎	○	◎	○	○	◎
			100	212				◎			◎
Chlorine Gas 氯	Cl ₂	Dry	20	68	×	×	×	×	×	×	◎
			40	104							◎
			60	140							◎
			80	176							◎
			100	212							◎
Chromic Acid 鉻酸	H ₂ CrO ₄	10	20	68	◎	◎	-	◎	○	◎	◎
			40	104	◎	◎		◎	○	◎	◎
			60	140	○	◎		◎	○	○	◎
			80	176		○		○			◎
			100	212							◎
		20	20	68	◎	◎	-	◎	○	◎	◎
			40	104		◎		◎	○	◎	◎
			60	140		◎		◎	○	○	◎
			80	176		○		○			◎
			100	212							◎

※ 綜合國外網站資訊統整，應用仍須以實際運作狀況為主

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介質	化學式	濃度(%)	°C	°F	UPVC	CPVC	PP	PVDF	EPDM	Viton	PTFE	
Chromic Acid 鉻酸	H ₂ CrO ₄	30	20	68	○	◎	-	◎	○	◎	◎	
			40	104		◎		◎	○	◎	◎	
			60	140		◎		◎	○	○	◎	
			80	176		○			○			◎
			100	212								◎
		50	20	68	×	-	-	◎	○	◎	◎	
			40	104				◎	○	◎	◎	
			60	140				◎	○	○	◎	
			80	176				○				◎
			100	212								◎
Cupric Sulfate 硫酸銅	CuSO ₄	Satu	20	68	◎	◎	◎	◎	◎	◎	◎	
			40	104	◎	◎	◎	◎	◎	◎	◎	
			60	140	○	◎	◎	◎	◎	◎	◎	
			80	176		◎	○	◎	○	◎	◎	
			100	212					◎			◎
Developers (Photo) 顯影劑	-	-	20	68	◎	◎	◎	◎	◎	◎	◎	
			40	104	◎	◎	◎	◎		◎	◎	
			60	140	○	◎	◎	◎		○	◎	
			80	176		○	○	◎				◎
			100	212					◎			◎
Ethanolamine 乙醇胺	C ₂ H ₇ NO	-	20	68	×	×	-	×	◎	×	◎	
			40	104					◎		◎	
			60	140					◎		◎	
			80	176					○		◎	
			100	212								◎
Freon 12 冷媒	CF ₂ Cl ₂	Pure	20	68	-	×	-	◎	-	○	◎	
			40	104				◎			◎	
			60	140				◎			◎	
			80	176				◎			◎	
			100	212								◎
Glycols 乙二醇 滷水 冷凍劑	HO-CH ₂ -CH ₂ -OH	Pure	20	68	◎	△	◎	◎	○	○	◎	
			40	104	◎		◎	◎			◎	
			60	140	○		◎	◎			◎	
			80	176			○	◎			◎	
			100	212								◎
Hydrochloric Acid 鹽酸	HCl	10	20	68	◎	◎	◎	◎	◎	◎	◎	
			40	104	◎	◎	◎	◎	◎	◎	◎	
			60	140	○	◎	◎	◎	○	◎	◎	
			80	176		○	○	◎		○	◎	
			100	212					◎			◎

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介質	化學式	濃度(%)	°C	°F	UPVC	CPVC	PP	PVDF	EPDM	Viton	PTFE	
Hydrochloric Acid 鹽酸	HCl	20	20	68	◎	◎	◎	◎	◎	◎	◎	
			40	104	◎	◎	◎	◎	◎	◎	◎	
			60	140	○	◎	◎	◎	○	◎	◎	
			80	176		○	○	◎		○	◎	
			100	212				◎			◎	
		25	20	68	◎	◎	◎	◎	◎	◎	◎	
			40	104	◎	◎	◎	◎	◎	◎	◎	
			60	140	○	◎	◎	◎	○	○	◎	
			80	176		○	○	◎			◎	
			100	212				◎			◎	
		37	20	68	◎	◎	◎	◎	◎	○	○	◎
			40	104	◎	◎	◎	◎				◎
			60	140	○	◎	○	◎				◎
			80	176		○		◎				◎
			100	212				○				◎
Hydrofluoric Acid 氫氟酸	HF	5	20	68	◎	○	◎	◎	◎	◎	◎	
			40	104			◎	◎		◎	◎	
			60	140			○	◎		◎	◎	
			80	176				◎		○	◎	
			100	212				◎			◎	
		10	20	68	○	○	◎	◎	◎	◎	◎	
			40	104			◎	◎		◎	◎	
			60	140			○	◎		◎	◎	
			80	176				◎		◎	◎	
			100	212				◎			◎	
		20	20	68	○	×	◎	◎	◎	◎	◎	
			40	104			◎	◎		◎	◎	
			60	140			○	◎		◎	◎	
			80	176				◎		○	◎	
			100	212				◎			◎	
		30	20	68	○	×	◎	◎	◎	◎	◎	
			40	104			◎	◎		◎	◎	
			60	140			○	◎		◎	◎	
			80	176				◎		○	◎	
			100	212				◎			◎	
40	20	68	○	×	◎	◎	◎	◎	◎			
	40	104			◎	◎		◎	◎			
	60	140			○	◎		◎	◎			
	80	176				◎		○	◎			
	100	212				◎			◎			

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介質	化學式	濃度(%)	°C	°F	UPVC	CPVC	PP	PVDF	EPDM	Viton	PTFE
Hydrogen Peroxide 過氧化氫 雙氧水	H ₂ O ₂	5	20	68	◎	×	◎	◎	◎	◎	◎
			40	104	◎		◎	◎		◎	◎
			60	140	○		○	◎		◎	◎
			80	176				◎		○	◎
			100	212				◎			◎
		10	20	68	◎	×	○	◎	◎	◎	◎
			40	104	◎			◎		◎	◎
			60	140	○			◎		◎	◎
			80	176				◎		○	◎
			100	212				◎			◎
		30	20	68	◎	×	○	◎	◎	○	◎
			40	104				◎			◎
			60	140				◎			◎
			80	176				◎			◎
			100	212							◎
		50	20	68	○	×	×	◎	×	○	◎
			40	104				◎			◎
			60	140				◎			◎
			80	176							◎
			100	212							◎
90	20	68	×	×	×	◎	×	◎	◎		
	40	104							◎		
	60	140							◎		
	80	176							◎		
	100	212							◎		
Iodine Solution 碘	I ₂	-	20	68	×	-	-	◎	×	◎	◎
			40	104				◎			◎
			60	140				○			◎
			80	176							◎
			100	212							◎
Methanol 甲醇	CH ₃ OH	-	20	68	◎	△	◎	◎	◎	○	◎
			40	104	◎		◎	◎	◎		◎
			60	140	○		○	◎	◎		◎
			80	176				◎			◎
			100	212				◎			◎
Nitric Acid 硝酸	HNO ₃	10	20	68	◎	◎	◎	◎	◎	◎	◎
			40	104	◎	◎	◎	◎		◎	◎
			60	140	○	◎	○	◎		◎	◎
			80	176		○		○		○	◎
			100	212							◎

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介質	化學式	濃度(%)	°C	°F	UPVC	CPVC	PP	PVDF	EPDM	Viton	PTFE	
Nitric Acid 硝酸	HNO ₃	20	20	68	◎	◎	◎	◎	-	◎	◎	
			40	104	◎	◎		◎		◎	◎	
			60	140	○	◎		◎		○	◎	
			80	176		○		○				◎
			100	212								◎
		30	20	68	◎	◎	◎	◎	◎	-	◎	◎
			40	104		◎			◎		◎	◎
			60	140		○			○		○	◎
			80	176								◎
			100	212								◎
		40	20	68	◎	◎	◎	◎	◎	×	◎	◎
			40	104		○			◎		◎	◎
			60	140					○			◎
			80	176								◎
			100	212								◎
		50	20	68	◎	◎	○	◎	◎	×	◎	◎
			40	104		○			◎		○	◎
			60	140					○			◎
			80	176								◎
			100	212								◎
70	20	68	×	○	×	-	×	×	×	◎		
	40	104								◎		
	60	140								◎		
	80	176								◎		
	100	212								◎		
Oxalic Acid 乙二酸 草酸	(COOH) ₂	-	20	68	◎	◎	◎	◎	◎	○	◎	
			40	104	◎	◎	◎	◎	◎		◎	
			60	140	○	◎	◎	◎	○		◎	
			80	176				◎			◎	
			100	212				◎			◎	
Palmitic Acid 棕櫚酸 十六酸 軟酯酸	C ₁₅ H ₃₁ COOH	10	20	68	◎	○	◎	◎	○	○	◎	
			40	104	◎		◎	◎			◎	
			60	140	○		○	◎			◎	
			80	176				◎			◎	
			100	212				◎			◎	
		70	20	68	○	○	◎	◎	◎	○	○	◎
			40	104				◎				◎
			60	140					◎			◎
			80	176					◎			◎
			100	212					◎			◎

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介質	化學式	濃度(%)	°C	°F	UPVC	CPVC	PP	PVDF	EPDM	Viton	PTFE	
Phosphoric Acid 磷酸	H3PO4	10	20	68	◎	◎	◎	◎	◎	◎	◎	
			40	104	◎	◎	◎	◎	◎	◎	◎	
			60	140	○	◎	◎	◎	◎	◎	◎	
			80	176		○	○	◎	○	◎	◎	
			100	212				◎			◎	
		20	20	68	◎	◎	◎	◎	◎	◎	◎	◎
			40	104	◎	◎	◎	◎	◎	◎	◎	◎
			60	140	○	◎	◎	◎	◎	◎	◎	◎
			80	176		○	○	◎	○	◎	◎	
			100	212				◎			◎	
		40	20	68	◎	◎	◎	◎	◎	◎	◎	◎
			40	104	◎	◎	◎	◎	◎	◎	◎	◎
			60	140	○	◎	◎	◎	◎	◎	◎	◎
			80	176		○	○	◎	○	◎	◎	
			100	212				◎			◎	
		50	20	68	◎	◎	◎	◎	◎	◎	◎	◎
			40	104	◎	◎	◎	◎	◎	◎	◎	◎
			60	140	○	○	○	◎	○	◎	◎	
			80	176		○		◎	○	◎	◎	
			100	212				◎			◎	
80	20	68	◎	◎	◎	◎	◎	◎	◎	◎		
	40	104	◎	○	◎	◎	◎	◎	◎	◎		
	60	140	○	○	○	◎	○	◎	◎			
	80	176					◎	○	◎			
	100	212					◎		◎			
Potassium Cyanide 氫化鉀	KCN	Satu	20	68	◎	◎	◎	◎	◎	◎	◎	
			40	104	◎	◎	◎	◎	◎	◎	◎	
			60	140	○	◎	◎	◎	○	◎	◎	
			80	176		○	○	◎	○	◎	◎	
			100	212				◎			◎	
Potassium Nitrate 硝酸鉀	KNO3		20	68	◎	◎	◎	◎	◎	◎	◎	
			40	104	◎	◎	◎	◎	◎	◎	◎	
			60	140	○	◎	◎	◎	◎	◎	◎	
			80	176		◎	○	◎	○	◎	◎	
			100	212				◎			◎	
Potassium Permanganate 高錳酸鉀	KMnO4	20	20	68	◎	◎	◎	◎	◎	◎	◎	
			40	104	◎	◎	◎	◎	◎	◎	◎	
			60	140	○	◎	◎	◎	○	◎	◎	
			80	176		○	○	◎			◎	
			100	212				◎			◎	

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介質	化學式	濃度(%)	°C	°F	UPVC	CPVC	PP	PVDF	EPDM	Viton	PTFE	
Sea Water 海水			20	68	◎	◎	◎	◎	◎	◎	◎	
			40	104	◎	◎	◎	◎	◎	◎	◎	
			60	140	○	◎	◎	◎	◎	◎	◎	
			80	176		◎	○	◎	○	◎	◎	
			100	212					◎		◎	
Silver Sulfate 硫酸銀	Ag ₂ SO ₄		20	68	◎	◎	◎	◎	◎	◎	◎	
			40	104	◎	◎	◎	◎	◎	◎	◎	
			60	140	○	◎	○	◎	◎	◎	◎	
			80	176		◎		◎	○	◎	◎	
			100	212					◎		◎	
Sodium Hydroxide 氫氧化鈉 燒鹼 鹼水	NaOH	15	20	68	◎	△	◎	◎	◎	×	◎	
			40	104	◎		◎	◎	◎		◎	
			60	140	○		○	○	◎		◎	
			80	176					○		◎	
			100	212							◎	
		20	20	68	◎	△	◎	◎	◎	◎	×	◎
			40	104	◎		◎	◎	◎	◎		◎
			60	140	○		○	○	◎		◎	
			80	176					○		◎	
			100	212							◎	
		30	20	68	◎	△	◎	◎	◎	◎	×	◎
			40	104	◎		◎	◎	◎	◎		◎
			60	140	○		○	○	◎		◎	
			80	176					○		◎	
			100	212							◎	
		50	20	68	◎	△	◎	◎	◎	◎	×	◎
			40	104	◎		◎	○	◎		◎	
			60	140	○		◎	○			◎	
			80	176			○				◎	
			100	212							◎	
70	20	68	◎	△	◎	○	○	×	◎			
	40	104	◎						◎			
	60	140	○						◎			
	80	176							◎			
	100	212							◎			
Sodium Hypochlorite 次氯酸鈉(漂白水)	NaOCl	15	20	68	◎	◎	×	◎	×	◎	◎	
			40	104	◎	◎		◎		◎	◎	
			60	140	○	○		○		○	◎	
			80	176							◎	
			100	212							◎	

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介質	化學式	濃度(%)	°C	°F	UPVC	CPVC	PP	PVDF	EPDM	Viton	PTFE	
Sulfur Dioxide 二氧化硫	SO ₂	Wet	20	68	◎	×	◎	◎	◎	◎	◎	
			40	104			◎	◎	◎	○	◎	
			60	140			○	○	○		◎	
			80	176							◎	
			100	212							◎	
Sulfuric Acid 硫酸	H ₂ SO ₄	10	20	68	◎	◎	◎	◎	◎	◎	◎	
			40	104	◎	◎	◎	◎	◎	◎	◎	
			60	140	○	◎	◎	◎	◎	◎	◎	
			80	176		○	○	◎	○	◎	◎	
			100	212				◎		◎	◎	
		30	20	68	◎	◎	◎	◎	◎	◎	◎	◎
			40	104	◎	◎	◎	◎	◎	◎	◎	◎
			60	140	○	◎	◎	◎	◎	○	◎	◎
			80	176		○	○	◎		◎	◎	
			100	212				◎		◎	◎	
		50	20	68	◎	◎	◎	◎	◎	◎	◎	◎
			40	104	◎	◎	◎	◎	◎	◎	◎	◎
			60	140	○	◎	○	◎	○	◎	◎	
			80	176		○		◎		◎	◎	
			100	212				◎			◎	
		60	20	68	◎	◎	◎	◎	◎	◎	◎	◎
			40	104	◎	◎	◎	◎	◎	◎	◎	◎
			60	140	○	◎	○	◎	○	◎	◎	
			80	176		○		◎		○	◎	
			100	212				◎			◎	
		70	20	68	◎	◎	◎	◎	◎	◎	◎	◎
			40	104	◎	◎	◎	◎	◎	◎	◎	◎
			60	140	○	◎		◎		◎	◎	
			80	176		○		◎		○	◎	
			100	212				◎			◎	
		80	20	68	○	◎	◎	◎	◎	◎	◎	◎
			40	104		◎		◎		◎	◎	
			60	140		○		◎		○	◎	
			80	176		△		◎			◎	
			100	212					○		◎	
90	20	68	○	◎	○	◎	○	◎	◎	◎		
	40	104		◎		◎		○	◎			
	60	140		○		◎			◎			
	80	176				○			◎			
	100	212							◎			

※ 綜合國外網站資訊統整，應用仍須以實際運作狀況為主

化性表

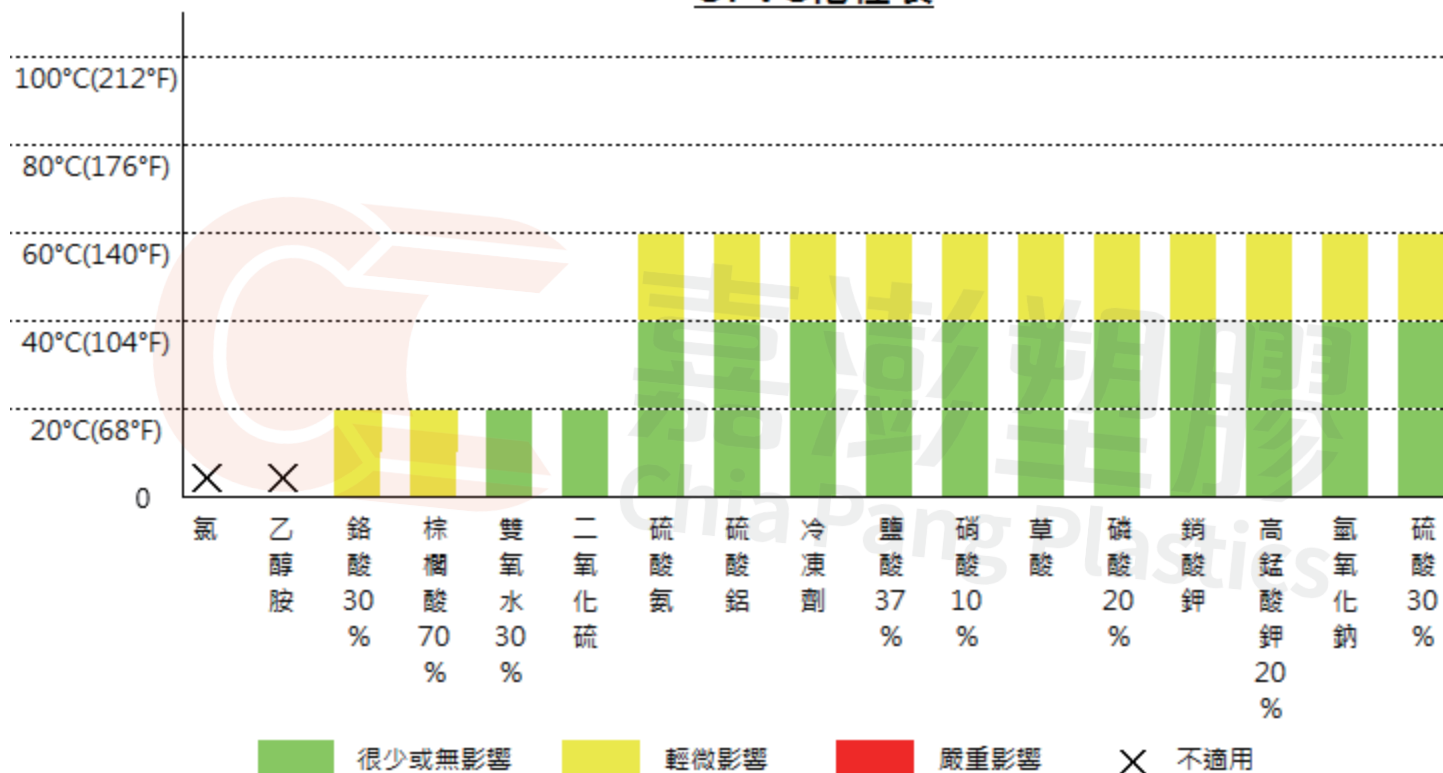
◎很少或無影響 ○輕微影響 △嚴重影響 ×不適用

介質	化學式	濃度(%)	°C	°F	UPVC	CPVC	PP	PVDF	EPDM	Viton	PTFE
Sulfuric Acid 硫酸	H ₂ SO ₄	95	20	68	×	○	×	◎	×	○	◎
			40	104		○		◎			◎
			60	140				○			◎
			80	176							◎
			100	212							◎
		98	20	68	×	○	×	◎	×	×	◎
			40	104		△		◎			◎
			60	140				○			◎
			80	176							◎
			100	212							◎
		100	20	68	×	×	×	×	×	×	◎
			40	104							◎
			60	140							◎
			80	176							◎
			100	212							◎
Xylene 二甲苯溶劑	C ₆ H ₄ (CH ₃) ₂	-	20	68	×	×	×	◎	×	○	◎
			40	104				◎			◎
			60	140				○			◎
			80	176							◎
			100	212							◎

※ 綜合國外網站資訊統整，應用仍須以實際運作狀況為主

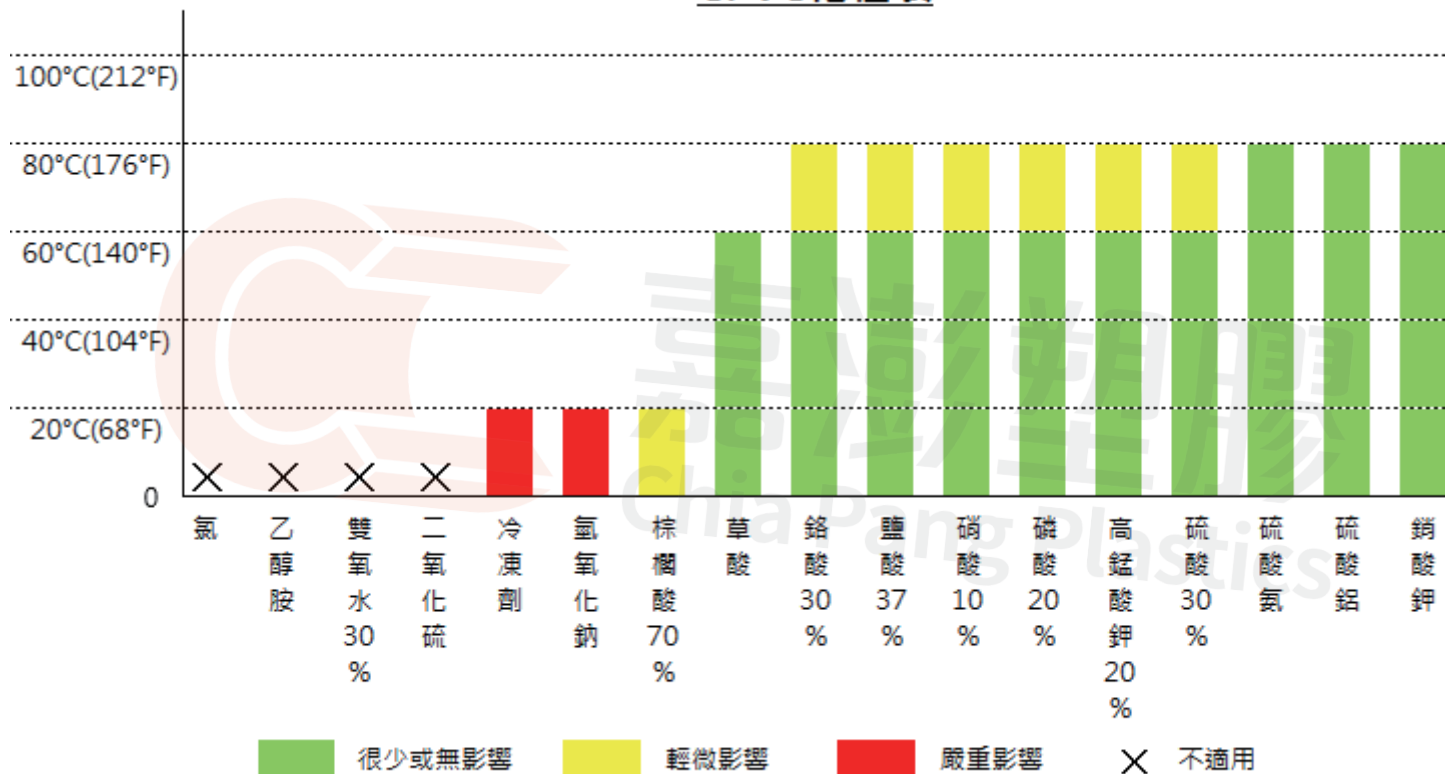
嘉澎塑膠
Chia Pang Plastics

UPVC化性表



※ 綜合國外網站資訊統整，應用仍須以實際運作狀況為主

CPVC化性表



※ 綜合國外網站資訊統整，應用仍須以實際運作狀況為主