Chemicals: Phthalic Acid - Potassium Bichromate

(A) **Excellent** = Recommended (B) **Good** = Recommended (C) **Fair** (limited life) (X) **Not Recommended**

Chemical	Concentration (%)	Temp. °C	Temp. °F	PVC	CPVC	PP	PVDF	TEFLON	VITON	EPDM	NITRILE
Phthalic Acid $C_6H_4(COOH)_2$		20	68	A		A	A	A	A	A	A
		40	104				A	A			
		60	140				A	A			
		80	176				A	A			
		100	212				B	A			
		120	248					A			
Picric Acid $C_6H_2(OH)(NO_2)_3$	10	20	68	A	A	A	A	A	A	A	B
		40	104	A	A	A	A	A	A	A	B
		60	140	A	A	A	A	A	A	A	C
		80	176		B	A	A	A	B	B	X
		100	212				A	A	C		
		120	248					A			
Plating Solutions (Brass)		20	68	A	A	A	A	A	A	A	
		40	104	A	A	A	A	A			
		60	140	A	A	A	A	A			
		80	176		B	A	A	A			
		100	212				A	A			
		120	248				B	A			
Plating Solutions (Cadmium)		20	68	A	A	X	A	A	A	A	
		40	104	A	A		A	A			
		60	140	A	A		A	A			
		80	176		B		A	A			
		100	212				A	A			
		120	248				A	A			
Plating Solutions (Chrome)		20	68	A	A	X	A	A			
		40	104	A	A		A	A			
		60	140	B	A		A	A			
		80	176		B		A	A			
		100	212				A	A			
		120	248				B	A			
Plating Solutions (Copper)		20	68	A	A	A	A	A	A	A	
		40	104	A	A	A	A	A			
		60	140	A	A	A	A	A			
		80	176		A	A	A	A			
		100	212				A	A			
		120	248					A			
Plating Solutions (Gold)		20	68	A	A	X	A	A	A	A	
		40	104	A	A		A	A			
		60	140	A	A		A	A			
		80	176				A	A			
		100	212				A	A			
		120	248				A	A			
Plating Solutions (Lead)		20	68	A	A	A	A	A	A	A	
		40	104	A	A	A	A	A			
		60	140	A	A	A	A	A			
		80	176				A	A			
		100	212				A	A			
		120	248				A	A			
Plating Solutions (Rhodium)		20	68	A	A	A	A	A	A	A	
		40	104	A	A	A	A	A			
		60	140	A		A	A	A			
		80	176				A	A			
		100	212				A	A			
		120	248				A	A			
Plating Solutions (Silver)		20	68				A	A	A	A	
		40	104				A	A			
		60	140				A	A			
		80	176					A			
		100	212					A			
		120	248					A			
Plating Solutions (Tin)		20	68	A	A	A	A	A	A	A	
		40	104	A	A	A	A	A	A	A	
		60	140	B	B	B	A	A	A	B	
		80	176				A	A	B		
		100	212				A	A			
		120	248				B	A			

Chemical	Concentration (%)	Temp. °C	Temp. °F	PVC	CPVC	PP	PVDF	TEFLON	VITON	EPDM	NITRILE
Plating Solutions (Zinc)		20	68					A	A	A	
		40	104					A			
		60	140					A			
		80	176					A			
		100	212					A			
		120	248					A			
Polyethylene Glycol $H(OCH_2CH_2)nOH$		20	68	A	A	A	A	A	A	A	
		40	104	A	A	A	A	A	A	A	
		60	140	A	A	A	A	A	A	A	
		80	176		B	B	A	A	A	A	
		100	212				A	A	A		
		120	248				A	A			
Poly Aluminium Chloride $[Al_2(OH)nCl_6\text{-}n]m$		20	68	A	A	A	A	A	A	A	A
		40	104	A	A	A	A	A	A	A	
		60	140		A	A	A	A	A	A	
		80	176					A			
		100	212								
		120	248								
Polyvinyl Acetate $[CH_3COOCH_2=CH_2]n$		20	68			A	A	A	A	A	A
		40	104				A	A			
		60	140				A	A			
		80	176				A	A			
		100	212				A	A			
		120	248				A	A			
Polyvinyl Alcohol $[\text{-}CH_2\text{-}CH(OH)\text{-}]n$		20	68	A	A	A	A	A	A	A	A
		40	104	A	A	A	A	A	A	A	A
		60	140	A	A	A	A	A	A	A	
		80	176			A	A	A			
		100	212				A	A			
		120	248				A	A			
Potash (Potassium Carbonate) K_2CO_3		20	68	A	A	A	A	A	A	A	A
		40	104	A	A	A	A	A	A	A	A
		60	140	A	A	A	A	A	A	A	A
		80	176		A	A	A	A	A	A	A
		100	212				A	A	A		
		120	248				A	A			
Potassium Acetate CH_3COOK	Satu	20	68	A	A	A	A	A	A	A	A
		40	104				A	A			
		60	140				A	A			
		80	176				A	A			
		100	212				A	A			
		120	248				A	A			
Potassium Alum $K_2SO_4Al_2(SO_4)_3$	Satu	20	68	A	A	A	A	A	A	A	A
		40	104	A	A	A	A	A	A	A	A
		60	140	A	A	A	A	A	A	A	A
		80	176		A	A	A	A	A	B	B
		100	212				A	A	A		
		120	248				A	A			
Potassium Aluminum Silicate $Al_2O_3{\cdot}K_2O{\cdot}6SiO_2$		20	68	A	A	A	A	A	A	A	A
		40	104	A	A	A	A	A	A	A	A
		60	140	A	A	A	A	A	A	A	A
		80	176		A	A	A	A	A	A	A
		100	212				A	A	A		
		120	248				A	A			
Potassium Bicarbonate $KHCO_3$	Satu	20	68	A	A	A	A	A	A	A	A
		40	104	A	A	A	A	A	A	A	A
		60	140	A	A	A	A	A	A	A	A
		80	176		A	A	A	A	A	A	A
		100	212				A	A	A		
		120	248				A	A			
Potassium Bichromate $K_2Cr_2O_7$	Satu	20	68	A	A	A	A	A	A	A	A
		40	104	A	A	A	A	A	A	A	A
		60	140	A	A	A	A	A	A	A	A
		80	176		B	B	A	A	A	A	B
		100	212				A	A	A		
		120	248				A	A			

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