

**(A) Excellent = Recommended**

**(C) Fair (limited life)**

**(B) Good = Recommended**

**(X) Not Recommended**

Chemical	Concentration (%)	Temp.		PVC	CPVC	PP	PVDF	TEFLON	VITON	EPDM	NITRILE	Chemical	Concentration (%)	Temp.		PVC	CPVC	PP	PVDF	TEFLON	VITON	EPDM	NITRILE	
		°C	°F											°C	°F									
Potassium Bisulfate KHSO <sub>4</sub>		20	68	A	A	A	A	A	A	A	A	Potassium Hydroxide (Caustic Potash) KOH	25	20	68	A	B	A	A	A	X	A	B	
		40	104	A	A	A	A	A	A	A	A			40	104	A	B	A	A	A	A	B		
		60	140	A	A	A	A	A	A	A	A			60	140	A	B	A	B	A	A	C		
		80	176		B	A	A	A	A	A	A			80	176		B	A	C	A	A	X		
		100	212				A	A	A					100	212				X	A				
		120	248				A	A						120	248									
Potassium Borate		20	68	A	A	A	A	A	A	A	A	Potassium Hypochlorite KClO		20	68	A	A	A	A	A	A	A	B	
		40	104	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	A	A			60	140	A		A	A	A	A	A		
		80	176		A	A	A	A	A	A	A			80	176					A				
		100	212				A	A	A					100	212					A				
		120	248				A	A						120	248					A				
Potassium Bromate KBrO <sub>3</sub>		20	68	A	A	A	A	A	A	A	A	Potassium Iodide KI		20	68	A	A	A	A	A	A	A	A	
		40	104	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	A	A			60	140	A	A	A	A	A	A	A		
		80	176		B	B	A	A						80	176		A	A	A	A	A	A	B	
		100	212				A	A						100	212				A	A	A			
		120	248				A	A						120	248				A	A	A			
Potassium Bromide KBr		20	68	A	A	A	A	A	A	A	A	Potassium Nitrate KNO <sub>3</sub>		20	68	A	A	A	A	A	A	A	A	
		40	104	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	A	A			60	140	A	A	A	A	A	A	A		
		80	176		A	A	A	A	A	A	A			80	176			A	A	A	A	A	B	
		100	212				A	A	A					100	212				A	A	A			
		120	248				B	A						120	248				A	A	A			
Potassium Chlorate (Aqueous) KClO <sub>3</sub>		20	68	A	A	A	A	A	A	A	C	Potassium Perborate KBO <sub>3</sub>		20	68	A	A	A	A	A				
		40	104	A	A	A	A	A	A	A				40	104	A	A	A	A	A	A			
		60	140	B	A	A	A	A	A					60	140	A	A	A	A	A	A			
		80	176		B	B	A	A						80	176		A	A	A	A				
		100	212				A	A						100	212				A	A	A			
		120	248				A	A						120	248				A	A	A			
Potassium Chloride KCl		20	68	A	A	A	A	A	A	A	A	Potassium Perchlorate KClO <sub>4</sub>		20	68	A	A	A	A	A				
		40	104	A	A	A	A	A	A	A	A			40	104	A	A	A	A	A				
		60	140	A	A	A	A	A	A	A	A			60	140	A	A	A	A	A				
		80	176		A	A	A	A	A	A	A			80	176		B	B	A	A				
		100	212				A	A	A					100	212				A	A				
		120	248				A	A						120	248				A	A				
Potassium Chromate K <sub>2</sub> CrO <sub>4</sub>		20	68	A	A	A	A	A	A	A	A	Potassium Permanganate KMnO <sub>4</sub>	10	20	68	A	A	A	A	A	A	A	A	C
		40	104	A	A	A	A	A	A	A	A			40	104	A	A	A	A	A	A	A		
		60	140	B	B	A	A	A	A	A	A			60	140	B	A	A	A	A	A	A		
		80	176		B	B	A	A	A	A	B			80	176		A	B	A	A	A			
		100	212				A	A	A					100	212				A	A				
		120	248				B	A						120	248				A	A				
Potassium Cyanide KCN		20	68	A	A	A	A	A	A	A	A	Potassium Permanganate KMnO <sub>4</sub>	25	20	68	A	A	A	A	A	A	A	A	X
		40	104	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	A	A			60	140	B	A	A	A	A	A	A		
		80	176		B	B	A	A	A	A	B			80	176		B	B	A	A				
		100	212				A	A	B					100	212				A	A				
		120	248				A	A						120	248				A	A				
Potassium Ferricyanide K <sub>3</sub> [Fe(CN) <sub>6</sub> ]		20	68	A	A	A	A	A	A	A	A	Potassium Persulfate K <sub>2</sub> S <sub>2</sub> O <sub>8</sub>		20	68	A	A	A	A	A	A	A	A	X
		40	104	A		A	A	A	A	A				40	104	A		A	A	A	A	A		
		60	140	A		A	A	A	A					60	140	A		A	A	A	A	A		
		80	176			A	A	A						80	176			A	A	A	A	A		
		100	212				A	A						100	212				A	A				
		120	248				A	A						120	248				A	A				
Potassium Ferrocyanide K <sub>4</sub> [Fe(CN) <sub>6</sub> ]		20	68	A	A	A	A	A	A	A	A	Potassium Phosphate K <sub>3</sub> PO <sub>4</sub>		20	68	A	A	A	A	A	A	A	A	A
		40	104	A		A	A	A	A					40	104	A		A	A	A	A	A	C	
		60	140	A		A	A	A	A					60	140	C		A	A	A	A	A	X	
		80	176			A	A	A						80	176			A	A	A	A	A		
		100	212				A	A						100	212				A	A	A			
		120	248				A	A						120	248				A	A	A			
Potassium Fluoride KF		20	68	A	A	A	A	A	A	A	A	Potassium Sulfate K <sub>2</sub> SO <sub>4</sub>	Pure	20	68	A	A	A	A	A	A	A	A	A
		40	104	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			60	140	A	A	A	A	A	A	A	A	
		80	176			A	A	A	A	A	B			80	176		A	A	A	A	A	A	B	
		100	212				A	A	A					100	212				A	A	A	A		
		120	248				A	A						120	248				A	A	A	B		