

(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										
Acrylonitrile CH <sub>2</sub> =CHCN		20	68	X	X	B	A	A	X	A	X	Aluminum Nitrate Al(NO <sub>3</sub> ) <sub>3</sub>	Satu	20	68	A	A	A	A	A	A	A	A	A	A
		40	104			C	B	A		A				40	104	A	A	A	A	A	A	A	A	A	A
		60	140				C	A		B				60	140	A	A	A	A	A	A	A	A	A	A
		80	176			X	A							80	176		A	A	A	A	A	A	A	A	B
		100	212					A						100	212				A	A	A				
		120	248					A						120	248				A	A					
Adipic Acid HOOC(CH <sub>2</sub> ) <sub>4</sub> -COOH	Satu	20	68	A	A	A	A	A	A	A	A	Aluminum Sulfate Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub>	Satu	20	68	A	A	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	A	A	
		60	140	A	A	A	A	A	A	A	A			60	140	A	A	A	A	A	A	A	A	A	
		80	176		B	B	A	A	A	B				80	176		A	A	A	A	A				
		100	212				A	A	B					100	212				A	A					
		120	248				A	A						120	248				A	A					
Allyl Alcohol CH <sub>2</sub> =CHCH <sub>2</sub> OH		20	68	A		A	A	A	A		A	Amber Acid (Succinic Acid) CH <sub>2</sub> =COOH   CH <sub>2</sub> =COOH	Satu	20	68	A	A	A	A	A	A	A	A	A	
		40	104			A	A	A	A		B			40	104	A	A	A	A	A	A	A	A	A	
		60	140			B	A	A	A		B			60	140	A	A	A	A	A	A	A	A	A	
		80	176				A	A	B					80	176		B	B	A	A	A	A	A	A	
		100	212					A						100	212				A	A	A				
		120	248					B						120	248				A	A					
Allyl Chloride CH <sub>2</sub> =CHCH <sub>2</sub> Cl		20	68	X			A	A	B	X	B	Aminoacetic Acid NH <sub>2</sub> CH <sub>2</sub> COOH	10	20	68	A		A	A	A	B	A	A		
		40	104				C	A	B		C			40	104	A		A	A	A		A			
		60	140			X	A	C		X				60	140				A	A					
		80	176				A							80	176				A	A					
		100	212					A						100	212				A	A					
		120	248					A						120	248				A	A					
Alum (Potassium alum) K <sub>2</sub> SO <sub>4</sub> Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub>	Satu	20	68	A	A	A	A	A	A	A	A	Ammonia Gas NH <sub>3</sub>	100	20	68	A	C	A	A	A	X	A	A		
		40	104	A	A	A	A	A	A	A	A			40	104	A	C	A	A	A		A	A		
		60	140	A	A	A	A	A	A	A	A			60	140	A	X	B	A	A		A	B		
		80	176		A	A	A	A	A	B	B			80	176		X	B	A	A		B			
		100	212				A	A	A					100	212				B	A					
		120	248				A	A						120	248				B	A					
Aluminum Acetate Al(CH <sub>3</sub> CO <sub>2</sub> ) <sub>3</sub>	Satu	20	68	A	A	A	A	A	A	A	A	Ammonia Solution (Ammonium Hydroxide) NH <sub>4</sub> OH	* 10	20	68	A	C	A	A	A	B	A	A		
		40	104	B	B	A	A	A	B	A				40	104	A	C	A	A	A	C	A	B		
		60	140				A	A		A				60	140	A	X	A	A	A	X	A	B		
		80	176				A	A		A				80	176		X	B	A	A		A			
		100	212				A	A		A				100	212				A	A		A			
		120	248					A						120	248				B	A					
Aluminum Ammonium Sulfate (Ammonium Alum) (NH <sub>4</sub> )Al(SO <sub>4</sub> ) <sub>2</sub>	Satu	20	68			A	A	A	A	A	A	Ammonium Acetate NH <sub>4</sub> CH <sub>3</sub> CO <sub>2</sub>	Satu	20	68	A	A	A	A	A	A	A	A		
		40	104			A	A	A	A	A	A			40	104	A	A	A	A	A	A	A	A		
		60	140			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		B	B	A	A	B	B	B		
		100	212				A	A	A					100	212				A	A	B				
		120	248				A	A						120	248				B	A					
Aluminum Bromide Al Br <sub>3</sub>	Satu	20	68	A	A	A	A	A	A	A	A	Ammonium Bicarbonate NH <sub>4</sub> HCO <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	A		
		60	140	A	A	A	A	A	A	A	A			60	140	A	A	A	A	A	A	A	A		
		80	176		A	A	A	A						80	176			A	A	A					
		100	212				A	A						100	212				A	A					
		120	248				A	A						120	248				A	A					
Aluminum Chloride Al Cl <sub>3</sub>	Satu	20	68	A	A	A	A	A	A	A	A	Ammonium Carbonate (NH <sub>4</sub> ) <sub>2</sub> CO <sub>3</sub>	Satu	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	A		
		60	140	B	B	A	A	A	A	A				60	140	A	A	A	A	A	A	A	A		
		80	176		B	A	A	A	A	A				80	176		A	A	A	A	A	A	A		
		100	212				A	A	A					100	212				A	A	A				
		120	248				A	A						120	248				A	A					
Aluminum Fluoride Al F <sub>3</sub>	Satu	20	68	A	A	A	A	A	A	A	A	Ammonium Chloride NH <sub>4</sub> Cl	Satu	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	A		
		60	140	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			80	176		B	B	A	A	A	A	B		
		100	212				A	A	A					100	212				A	A	A				
		120	248				A	A						120	248				A	A					
Aluminum Hydroxide Al(OH) <sub>3</sub>	Satu	20	68	A	A	A	A	A	A	A	A	Ammonium Fluoride NH <sub>4</sub> F	20	20	68	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		
		80	176		A	A	A	A	A	B	B			80	176			B	A	A					
		100	212				A	A	B					100	212				A	A					
		120	248				A	A						120	248				A	A					

\*30% Ammonia solution at 50°C, PVC & EPDM recommended.