

Chemicals: Acrylonitrile - Ammonium Floride

(A) Excellent = Recommended (B) Good = Recommended (C) Fair (limited life) (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 ₂ =CHCN	Satu	20	68	X	X	B	A	A	X	A	X	Aluminum Nitrate Al(NO ₃) ₃	Satu	20	68	A	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	A	B
		100	212					A						100	212					A	A	A				
		120	248					A						120	248					A	A					
Adipic Acid HOOC(CH ₂) ₄ -COOH	Satu	20	68	A	A	A	A	A	A	A	A	Aluminum Sulfate Al ₂ (SO ₄) ₃	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	A	
		60	140	A	A	A	A	A	A	A	A			60	140	A	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 ₂ =CHCH ₂ OH	Satu	20	68	A		A	A	A	A	A	A	Amber Acid (Succinic Acid) CH ₂ =COOH CH ₂ =COOH	Satu	20	68	A	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	A	
		60	140			B	A	A	A	B				60	140	A	A	A	A	A	A	A	A	A	A	
		80	176				A	A	B					80	176		B	B	A	A	A	A	A	A	A	
		100	212					A						100	212					A	A	A				
		120	248					B						120	248					A	A					
Allyl Chloride CH ₂ =CHCH ₂ Cl	Satu	20	68	X			A	A	B	X	B	Aminoacetic Acid NH ₂ CH ₂ 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				
		120	248					A						120	248							A				
Alum (Potassium alum) K ₂ SO ₄ Al ₂ (SO ₄) ₃	Satu	20	68	A	A	A	A	A	A	A	A	Ammonia Gas NH ₃	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	A					
		120	248				A	A						120	248				B	A						
Aluminum Acetate Al(CH ₃ CO ₂) ₃	Satu	20	68	A	A	A	A	A	A	A	A	Ammonia Solution (Ammonium Hydroxide) NH ₄ 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						100	212					A	A			A		
		120	248					A						120	248					B	A					
Aluminum Ammonium Sulfate (Ammonium Alum) (NH ₄)Al(SO ₄) ₂	Satu	20	68			A	A	A	A	A	A	Ammonium Acetate NH ₄ CH ₃ CO ₂	Satu	20	68	A	A	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	A	A	
		60	140			A	A	A	A	A	A			60	140	A	A	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	B	B	
		100	212				A	A	A					100	212					A	A	B				
		120	248				A	A						120	248					B	A					
Aluminum Bromide Al Br ₃	Satu	20	68	A	A	A	A	A	A	A	A	Ammonium Bicarbonate NH ₄ HCO ₃	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	A	
		60	140	A	A	A	A	A	A	A	A			60	140	A	A	A	A	A	A	A	A	A	A	
		80	176		A	A	A	A	A					80	176			A	A	A						
		100	212				A	A						100	212					A	A					
		120	248				A	A						120	248						A					
Aluminum Chloride Al Cl ₃	Satu	20	68	A	A	A	A	A	A	A	A	Ammonium Carbonate (NH ₄) ₂ CO ₃	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	A	
		60	140	B	B	A	A	A	A	A				60	140	A	A	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	A		
		100	212				A	A	A					100	212					A	A	A				
		120	248					A	A					120	248					A	A					
Aluminum Fluoride Al F ₃	Satu	20	68	A	A	A	A	A	A	A	A	Ammonium Chloride NH ₄ Cl	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	A	
		60	140	A	A	A	A	A	A	A	A			60	140	A	A	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	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) ₃	Satu	20	68	A	A	A	A	A	A	A	A	Ammonium Fluoride NH ₄ F	20	20	68	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		
		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.