

## Chemical Compatibility of Corning Plasticware

	PS	PP	PVC	CA	PC	CN	NY	MCE	PTFE	PET
<b>Acids</b>										
Hydrochloric acid (25%)	G	G	G	N	R	R	N	O	R	R
Hydrochloric acid (concentrated)	F	G	F	N	R	N	N	N	R	O
Nitric acid (concentrated)	P	P	P	N	R	N	N	N	O	N
Nitric acid (25%)	P	G	F	N	R	L	N	O	R	R
<b>Alcohols</b>										
Butanol	G	G	G	R	R	R	R	R	R	R
Ethanol	G	G	G	R	R	N	R	O	R	R
Methanol	G	G	G	R	R	N	R	O	R	R
<b>Amines</b>										
Aniline	G	G	P	N	N	R	R	N	R	O
Dimethylformamide	P	G	F	N	N	N	R	N	R	N
<b>Bases</b>										
Ammonium hydroxide (25%)	F	G	G	R	N	R	R	O	N	O
Ammonium hydroxide (1N)	F	G	G	N	N	R	R	O	N	N
Sodium hydroxide	G	G	G	N	N	N	R	N	R	N
<b>Hydrocarbons</b>										
Hexane	P	G	F	R	R	R	R	R	R	R
Toluene	P	G	P	R	O	R	R	R	R	N
Xylene	P	F	P	R	R	R	R	R	R	N
Dioxane	P	G	P	N	N	N	R	N	R	R
Dimethylsulfoxide (DMSO)	P	G	P	N	N	N	R	N	R	O*
<b>Halogenated Hydrocarbons</b>										
Chloroform	P	G	P	N	N	R	R	N	R	R
Methylene chloride	P	F	P	N	N	R	R	N	R	N
<b>Ketones</b>										
Acetone	P	G	P	N	O	N	R	N	R	R
Methyl ethyl diketone	P	G	P	N	O	N	R	O	R	R

\* Can be used with aqueous solutions containing up to 20% DMSO

## LEGEND

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R = Recommended	PS = Polystyrene
L = Limited Resistance	PP = Polypropylene
N = Not Recommended	PVC = Polyvinyl Chloride
O = Testing Advised	CA = Cellulose Acetate
	PC = Polycarbonate
F = Fair	PTFE = Polytetrafluorethylene (Teflon)
G = Good	CN = Cellulose Nitrate
P = Poor	NY = Nylon
	MCE = Mixed Cellulose Esters
	PET = Polyethylene Terephthalate

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