

Solvent	Compatability COC	Compatability Polypropylene	MicroClime Lid Compatability	LID
Acetone	Recommended	Recommended	Recommended	+
Ammonium solution (33%)	Recommended	Recommended	Recommended	+
Caustic soda solution (50%)	Recommended	Recommended	Recommended	+
DMSO	Recommended	Recommended	Recommended	+
Ethanol	Recommended	Recommended	Recommended	+
Hydrochloric acid (36%)	Recommended	Recommended	Recommended	+
Isopropanol	Recommended	Recommended	Recommended	+
Methanol	Recommended	Recommended	Recommended	+
Sulfuric acid (40%)	Recommended	Recommended	Recommended	+
Water	Recommended	Recommended	Recommended	+
Acetic acid	Recommended	Not recommended above 80%	Not recommended above 80%	
Nitric acid	Recommended	Not recommended above 50%	Not recommended above 50%	
Acetonitrile	Recommended	Unknown		
Aldehydes		Not recommended	Not recommended	-
Alkanes		Not recommended	Not recommended	-
Aromatic solvents		Not recommended	Not recommended	-
Chlorocarbons		Not recommended	Not recommended	-
Esters		Not recommended	Not recommended	-
Ethers		Not recommended	Not recommended	-
Ketones		Not recommended	Not recommended	-
Butanone (MEK)	Recommended	Not recommended		
2-Ethoxyethanol		Not recommended		
2-Ethoxyethanol Acetate		Not recommended		
2-Methoxyethanol		Not recommended		
2-Methoxyethanol Acetate		Not recommended		
Acetaldehyde		Not recommended		
Acetic anhydride		Not recommended		
Acetophenone		Not recommended		
Acrylonitrile		Not recommended		
Aqua regia		Not recommended		
Benzaldehyde	Not recommended			
Benzene		Not recommended		
Benzene		Not recommended		
Benzene sulfonic acid		Not recommended		
Butyl acetate		Not recommended		
Carbon disulfide		Not recommended		
Carbon tetrachloride		Not recommended		
Chloroacetic acid		Not recommended		
Chlorobenzene		Not recommended		
Chloroform		Not recommended		
Chlrobutane		Not recommended		
Dioxane		Not recommended		
Dioxane		Not recommended		
Ether		Not recommended		
Ethyl acetate		Not recommended		
Ethyl chloride		Not recommended		
Ethylene chloride		Not recommended		
Ethylene dichloride		Not recommended		
Furfural		Not recommended		
Heptane	Not recommended	Not recommended		
Hexane	Not recommended	Not recommended		
Hydrazine		Not recommended		
Hydrogen peroxide >20%		Not recommended		
Methyl isobutyl ketone		Not recommended		
Methylene chloride	Not recommended			
Nitrobenzene		Not recommended		
Octane		Not recommended		
Oleic acid	Not recommended			
Pentane	Not recommended			
Sodium hypochlorite		Not recommended		
Tetrachloroethylene		Not recommended		
Tetrahydrofuran		Not recommended		

Toluene	Not recommended			
Trichlorobenzene		Not recommended		
Trichloroethylene		Not recommended		
Trimethylbenzene		Not recommended		
Turpentine oil		Not recommended		
Oxygen permeability				$\text{cm}^3 \cdot 100 \mu\text{m} / \text{m}^2 \cdot 24 \text{hr} \cdot \text{bar}$; 23°C, 0% r.h.
Water permeability				$0.1 \text{ g} \cdot 1000 \mu\text{m} / \text{m}^2 \cdot 24 \text{hr}$; 40°C, 90% r.h.