

CHEMICAL COMPATIBILITY CHART FOR POLYGAL POLYCARBONATE SHEETS

A. Chemicals

Safe	Not Recommended	Prohibited
Acetic acid, up to 10%	Allyl alcohol	Acetaldehyde
Acetylene	Cyclohexanal	Acetone
Alumen	Cyclohexane	Acrylonitrile
Aluminum chloride anhydrous, saturated solution in water	Dinonyl phtalate (softener)	Ammonia
Aluminum alumen potash, saturated solution in water	Diocetyl phtalate (softener)	Ammonia water
Aluminium oxalate	Diphyl 5.3	Ammonium sulphide, saturated solution in water
Aluminium sulfate, saturated solution in water	Formic acid	Amyl acetate
Ammonium chloride, saturated solution in water	Glycerin	Aniline
Ammonium fluoride, saturated solution in water	Isopropyl alcohol	Benzaldehyde
Ammonium nitrate, saturated solution in water	Lead tetraethyl, 10% in benzine	Benzoic acid
Ammonium sulphate, saturated solution in water	Milk of lime, 30% slurry in water	Benzene
Antimony chloride, saturated solution in water	Nitric acid, 10-20%	Benzyl alcohol
Arsenic acid, 20%	Perchloric acid, concentrated	Bromine
Benzine (Petroleum Benzin) (non-aromatic)	Petroleum ether (carbon hydrogen mixture)	Brombenzene
Borax, saturated solution in water	Petroleum	Butyric acid
Boric acid	Potato-spirit oil	Butyl acid
Butane (liquid and gaseous)	Sodium sulphite, saturated solution in water	Butyl acetate
Butyl alcohol	Sulphur dioxide	Carbon bisulphide
Butylene glycol	Sulphuric acid, 70%	Chloric gas, dry
Calcium chloride, saturated solution in water Trichloroethyl phosphate (softener) Chloric gas, moist		
Calcium nitrate, saturated solution in water Trichloroacetic acid, 10%	Chlorobenzene	

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Safe	Not Recommended	Prohibited
Calcium soap fat, pure		Chloroform
Calcium hypochloride		Caustic potash
Carbon dioxide, moist		Caustic potash solution
Carbon monoxide		Caustic soda

