

Chemical Resistance

Chemical Agents	Polycarbonate	PMMA	Stainless Steel
Acetic acid 10%	+	+	+
Acetone	-	-	+
Alcoholic beverages	+	0	+
Aluminium sulphate	+	+	0
Ammonia 5%	-	+	+
Aniline	-	-	+
Arsenic acid 20%	+	+	+
Benzene	-	-	0
Bencylic alcohol	-	-	0
Bromine	-	-	-
Calcium Chloride	+	+	0
Calcium nitrate	+	+	0
Carbon tetrachloride	-	-	0
Carbonic acid	-	-	+
Caustic potash 5%	-	+	0
Cement	+	+	0
Hydrochloric acid 1-5%	+	+	-
Chlorine liquids (vapours)	-	-	0
Chloroform	-	-	+
Chromic acid	0	0	0
Citric acid 20%	+	+	0
Copper sulphate	+	+	0
Diesel-naphta oil	0	+	+
Ethyl alcohol 30%	+	0	+
Ethyl chloride	-	-	+
Ethyl ether	-	-	0
food oils and fats	-	+	+
formic acid 10%	+	+	0
Glycerine	+	+	+
Hexane	+	+	+
Iodine	-	+	-
Iron chloride	+	+	-
Isopropylic alcohol	0	0	0
Lubricating oil	+	+	+
Magnesium sulphate	+	+	+
Methanol	-	0	+
Mineral oils	+	+	+
Nitric acid 20%	0	+	+

Chemical Resistance

Chemical Agents	Polycarbonate	PMMA	Stainless Steel
Oxygen	+	+	+
Ozone	+	+	o
Perchloric acid 10%	+	+	-
Petrol	-	+	+
Phenol	-	-	o
Potassium bromide	+	+	o
Potassium nitrate	+	+	o
Potassium permanganate	+	+	o
Sea climate	+	+	o
Silicon oils	+	o	+
Soda bleach 15%	-	+	o
Sodium chloride	+	+	o
Sodium hydroxide 5%	-	+	o
Sodium sulphate	+	+	o
Sugar	+	+	+
Sulphur	+	+	o
Sulphuric acid 30%	+	+	-
Toluene	-	-	+
Trichloroethylene	-	-	o
Zinc sulphate	+	+	o

+	Resistant
o	Relatively resistant
-	Non-resistant