Chemical Resistance
GEHR PMMA

	conc. (%)	room temperature	60 °C
1,4 Dioxane	100		
2-Hydroxypropionic acid	90		
Acetic acid	100	-	-
Acetone	100	-	-
Ammonia	conc.	+	
Ammonium chloride			
Amyl alcohol		-	-
Apple juice		+	
Benzene		-	-
Bleaching solution	12,5 Cl		
Boric acid	100		
Brake fluid			
Butyl acetate		-	-
Calcium chloride		+	+
Carbon disulphide	100	-	-
Carbon tetrachloride		-	-
Chlorine, gas	100	o	
Chlorobenzene	100		
Chloroform		-	-
Citric acid	10	+	+
Cresol		-	-
Cyclohexanone	100	-	-
Cyclohexene	100	-	-
Diesel fuel		+	
Diethylene oxide, THF		-	-
Ethyl acetate	100	-	-
Ethyl alcohol	96	+/o	-
Ethylene chloride	100	-	-
Food oil			
Formaldehyde, aqu	40	+	
Formic acid	10	-	-
Frost protection agent			
Fuel , aromatic free		+	
Glycerin	100	+	
Glycol	100	+	
Heating oil		+	
Heptane	100	+	
Hydrochloric acid	10	+	
Hydrochloric acid	conc.	+	
Hydrofluoric acid	40	-	-
Hydrogen peroxide	10	+	
Hydrogen sulphide		+	
Isopropyl alcohol	100	+/o	
Linseed oil		+	
Mercurochrome		-	-
Methyl alcohol	100	-	-
Methyl ethyl ketone	100	-	-

Chemical Resistance
GEHR PMMA

	conc. (%)	room temperature	60 °C
Methylene chloride	100	-	-
Milk		+	
Mineral oils, aromatic free		+	
Nitric acid	10	+	+
Nitric acid	50	-	-
Nitrobenzene		-	-
Oxalic acid		+	
Ozone, gas	ca. 0,5 ppm	+	
Paraffine oil	100	+	
Perchloroethylene		o	
Petroleum ether	100	+	
Petroleum, aromatic free	100	o	
Phenol, aqu	ca. 9	-	-
Phosphoric acid	50	-	-
Potassium hydroxide liquor	50	+	
Premium Fuel		-	-
Propyl alcohol			
Pyridine			
Silicone oil		+	
Sodium carbonate, aqu		+	+
Sodium chloride, aqu		+	
Sodium hydroxide liquor	15	+	
Sodium hydroxide liquor	60	-	-
Sodium hyrogen sulphite		+	
Sodium nitrate, aqu			
Sodium thiosulfate		+	
Sulphuric acid	96	-	-
Tetrahydrofurane	100	-	-
Toluene	100	-	-
Transformer oil		+	
Trichloroethylene	100	-	-
Vinegar, standard	5-10	+	+
Water		+	+
Xylene		-	-

Symbolism for the description of the chemical resistance

+ = resistant	(only small changes of the weight, dimensions and properties. According our experiences there is no permanent damage expect).
o = partly resistant	(medium changes of the properties. At longer contact time there are permanent damages recommended e.g. degradation of the macro molecular structure).
- = non resistant	(strong and permanent degradation in short contact time e.g. stress cracking).
= not tested	(no tests were done, no recommendations are possible).

The figures indicated here are approximate values. They may be affected by the temperature, operating time, concentration and stress level of the component involved, by mechanical loads, etc., and the user is not released therefore from the obligation of performing checks and trials of his own. The values indicated here have been compiled on the bases of current experiences and findings. Any legally binding guarantee of certain properties, or any suitability for a specific application cannot be inferred from the present data.