Chemical Resistance
GEHR PEI

	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		
Chlorobenzene	100	+	
Chloroform		+	
Citric acid	10	+	+
Cresol			
Cyclohexanone	100		
Cyclohexene	100		
Diesel fuel		+	+
Diethylene oxide, THF			
Ethyl acetate	100	+	
Ethyl alcohol	96	+	
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		
Linseed oil			
Mercurochrome			
Methyl alcohol	100	+	+
Methyl ethyl ketone	100	o	

Chemical Resistance
GEHR PEI

	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			
Petroleum ether	100		
Petroleum, aromatic free	100		
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	o/-	-
Tetrahydrofurane	100	+	
Toluene	100	+/o	
Transformer oil		+	+
Trichloroethylene	100	+	
Vinegar, standard	5-10	+	+
Water		+	+/o
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.