



CHEMICAL RESISTANCE OF PE MATERIALS

CHEMICAL NAME	CONS.	20°C			60°C		
		Resistant	Fairly Resistant	Not Resistant	Resistant	Fairly Resistant	Not Resistant
Acetaldehyde	100%	*				*	
Acetic acid	60%	*			*		
Acetic acid	96%	*				*	
Acetic anhydride	100%	*				*	
Acetone	100%	*				*	
Allyl alcohol	96%	*			*		
Ammonium hydroxide	10%	*			*		
Ammonium hydroxide	30%	*			*		
Amyl acetate	100%		*			*	
Amyl alcohol	100%	*				*	
Aniline	100%	*				*	
Antimony (111) chloride	90%	*			*		
Aasobic acid	10%	*			*		
Benzaldehyde	100%	*				*	
Benzene	100%		*			*	
Benzylsulphonic acid	10%	*			*		
Bleach lye	10%	*			*		
Butandiol	100%	*			*		
Butane gas	100%	*			*		
Butanol	100%	*			*		
Butyl acetate	100%	*				*	
Butyl alcohol	100%	*			*		



Butylene glycol	100%	*	*
Butyric acid	100%	*	*
Calcium bromate	10%	*	*
Calcium chromate	40%	*	*
Calcium carbonate		*	*
Calcium nitrate		*	*
Calcium oxide		*	*
Cyclohexanol	100%	*	*
Decahydronaphthalene	100%	*	*
Dichloropropylene		*	*
Detergents, synthetic		*	*
Dioxan	100%	*	*
Ethandiol	100%	*	*
Ethanol	40%	*	*
Ethanol	96%	*	*
Ethyl alcohol	35%	*	*
Ethyl alcohol	100%	*	*
Fuorine gas	100%	*	*
Formaldehyde	40%	*	*
Formic acid	98%	*	*
Gasoline		*	*
Gelatine		*	*
Glycerine	100%	*	*
Glycerol	100%	*	*
n-Heptan	100%	*	*
Hydrobromic acid	50%	*	*



Hydrochloric acid	40%	*	*
Hydrocyanic acid	10%	*	*
Hydrofluoric acid	60%	*	*
Hydrogen	100%	*	*
Hydrogen peroxide	30%	*	*
Hydrogen peroxide	90%	*	*
Iso octane	100%	*	*
Isopropyl ether	100%	*	*
Lactic acid	100%	*	*
Methanol	100%	*	*
Methyl alcohol	100%	*	*
Mercury		*	*
Naphtha		*	*
Naphthalene		*	*
Nitric acid	25%	*	*
Nitric acid	70%	*	*
Nitric acid	100%	*	*
Orthophosforic acid	50%	*	*
Orthophosforic acid	95%	*	*
Ozone	100%	*	*
Phosphine	100%	*	*
Phosphoric acid	25%	*	*
Phosphoric acid	50%	*	*
Phtalic acid	50%	*	*
Potassium hydroxide	10%	*	*
Potassium iodate	10%	*	*



Potassium permanganate	20%	*	*
Propionic acid	50%	*	*
Propionic acid	100%	*	*
Sea water		*	*
Silicon oil		*	*
Soap solution		*	*
Sodium hydroxide	40%	*	*
Sodium hypochloride	15%	*	*
Sulphur dioxide	100%	*	*
Sulphur trioxide	100%	*	*
Sulphuric acid	10%	*	*
Sulphuric acid	50%	*	*
Sulphuric acid	70%	*	*
Sulphuric acid	80%	*	*
Sodium iodate	10%	*	*
Sulphurous acid	30%	*	*
Tetrachloroethylene	100%	*	*
Tetrachloromethane	100%	*	*
Urea	30%	*	*
Urine		*	*
Water		*	*
Xylene	100%	*	*