

COMPATIBILITY WITH AGGRESSIVE CHEMICAL AGENTS

Materials		Steel	Stainless steel	Aluminium alloys	Cast iron	Standard rubber
%						
WEAK ACIDS	Fatty acids	●	●	●	●	●
	Acetic acid	●	●	●	●	●
	Boric acid in solution 30	●	●	●	●	●
	Oleic acid	●	●	●	●	●
	Oxalic acid in solution 10	●	●	●	●	●
STRONG ACIDS	Sulphuric acid	●	●	●	●	●
	Hydrochloric acid in sol. 30	●	●	●	●	●
	Chromic acid in solution 10	●	●	●	●	●
	Phosphoric acid in sol. 10	●	●	●	●	●
	Nitric acid in solution 10	●	●	●	●	●
	Sulphuric acid in sol. 10	●	●	●	●	●
WEAK BASES	Aluminium acetate	●	●	●	●	●
	Ammonium carbonate	●	●	●	●	●
	Ammonium sulphate	●	●	●	●	●
	Sodium cyanide in sol. 10	●	●	●	●	●
	Alkaline solutions at 80°C	●	●	●	●	●
STRONG BASES	Ammonium hydrate	●	●	●	●	●
	Sodium carbonate in sol. 10	●	●	●	●	●
	Sodium phosphate in sol. 10	●	●	●	●	●
	Sodium hydroxide in sol.	●	●	●	●	●
	Sodium silicate in sol. 10	●	●	●	●	●
ALCOHOL	Alkybenzols	●	●	●	●	●
	Amyl alcohol	●	●	●	●	●
	Ethyl alcohol	●	●	●	●	●
	Methyl alcohol	●	●	●	●	●
	Propyl alcohol	●	●	●	●	●
SOLVENTS	Acetone	●	●	●	●	●
	Turpentine	●	●	●	●	●
	Amyl acetate	●	●	●	●	●
HYDRO CARBONS	Petrol	●	●	●	●	●
	Diesel oil	●	●	●	●	●
	Mineral oils	●	●	●	●	●
OTHERS	Sea Water	●	●	●	●	●
	Water at 80°C	●	●	●	●	●
	Cold water	●	●	●	●	●
	Sodium Chloride in sol.	●	●	●	●	●
	Saturated steam 10	●	●	●	●	●

● recommended

● partially resistant

● not suitable

