

CHEMICAL RESISTANCE CERTIFICATE

Applicable to ipPORE™ track-etched membrane filters

NAME OF SUBSTANCES		MATERIAL		
		Polycarbonate (PC)	Polyester (PET)	Polyimide (PI)
SOLVENTS	Acetone	LR	R	R
	Acetonitrile	LR	R	R
	Amyl Acetate	R	R	R
	Aniline	NR	R	R
	Benzene	LR	R	R
	Bromoform	NR	R	R
	Butyl Acetate	R	R	R
	Carbon Tetrachloride	LR	R	R
	Chloroform	NR	R	R
	Cyclohexane	R	R	R
	Cyclohexanone	LR	R	R
	Diethyl Acetamide	LR	R	R
	Dimethyl Formamide	NR	R	R
	Dimethyl Sulfoxide (DMSO)	NR	R	R
	Dioxane	NR	R	R
	Ethyl Ether	R	R	R
	Ethylene Dichloride	NR	R	R
	Formaldehyde	R	R	R
	Hexane	R	R	R
	Isopropyl Acetate	R	R	R
	Methyl Acetate	NR	R	R
	Methyl Ethyl Ketone	LR	R	R
	Methyl Isobutyl Ketone	LR	-	R
	Methylene Chloride	NR	R	R
	Nitrobenzene	NR	R	R
	Pentane	R	R	R
	Perchloroethylene	R	-	R
	Pyridine	NR	R	R
	Tetrahydrofuran	NR	R	R
	Toluene	LR	R	R
Trichloroethane	NR	-	R	
Trichlorethylene	NR	R	R	
Triethylamine	LR	R	R	
Xylene	NR	R	R	

R = Recommended LR = Limited Resistance NR = Not Recommended

DISCLAIMER: our recommendations concerning the chemical resistance of the materials are based upon information from material suppliers and careful examination of available published documents.

However, since the resistance of polymer materials can be affected by the concentration, temperature, presence of various chemicals and other factors, the above datasheet should be only considered as a general guide.

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ACIDS	Acetic Acid, 5%	R	R	R
	Acetic Acid, 10%	R	R	R
	Acetic Acid, Glacial	LR	R	R
	Boric Acid	R	R	R
	Hydrochloric acid, 6N	R	LR	R
	Hydrochloric Acid 38% (conc.)	R	NR	R
	Hydrofluoric Acid, 10%	R	R	R
	Hydrofluoric Acid, 35%	R	R	R
	Nitric Acid, 6N	R	R	R
	Nitric Acid, Conc.	R	NR	R
	Sulphuric Acid, 6N	R	R	R
	Sulphuric Acid, Conc.	NR	NR	R
BASES	Ammonium Hydroxide, 6N	NR	LR	NR
	Potassium Hydroxide, 6N	NR	NR	NR
	Sodium Hydroxide, 6N	NR	LR	NR

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ALCOHOLS	Amyl Alcohol	R	R	R
	Benzyl Alcohol	LR	R	R
	Butyl Alcohol	R	R	R
	Butyl Cellosolve	LR	R	R
	Ethyl Alcohol <80%	R	R	R
	Ethyl Alcohol >80%	R	R	R
	Ethylene Glycol	R	R	R
	Glycerine (Glycerol)	R	R	R
	Isobutyl Alcohol	R	R	R
	Isopropanol	R	R	R
	Methanol	R	R	R
	Propanol	R	R	R

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