

RESISTENCIA QUÍMICA

	Medium	Concentration	HDPE	LDPE	PA	PC	PP	PS	PVC rigid	PVC- plasticised	SAN
A	Acetaldehyde		3/3	2/4	2/0	4/4	3/4	4/4	4/4	0/0	4/4
	Acetamide	saturated	1/1	1/1	1/0	4/4	1/1	1/1	4/4	0/0	1/1
	Acetic acid	50%	1/1	1/1	4/4	1/2	1/1	2/2	1/2	0/0	0/0
	Acetone		1/1	3/3	1/0	4/4	1/3	4/4	4/4	0/0	4/4
	Acetonitrile		1/1	1/1	1/0	4/4	3/4	4/4	4/4	0/0	0/0
	Acetophenone		0/0	1/0	1/0	(4)	1/3	0/4	4/4	4/4	0/4
	Acetylene	100%	1/0	1/0	1/0	1/0	0/0	2/0	4/4	3/0	
	Acrylonitrile		1/1	1/3	1/0	4/4	3/4	4/4	4/4	4/4	0/0
	Adipic acid	saturated	1/1	1/2	0/0	1/1	1/1	1/1	1/3	1/3	0/0
	Allyl alcohol	96%	1/3	3/3	3/0	3/3	2/2	2/4	2/3	4/4	4/4
	Aluminium chloride	10%	1/1	1/2	1/0	1/0	1/1	1/1	1/1	0/0	1/1
	Aluminium oxide	solid	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
	Amino acids		1/1	1/1	1/1	1/1	1/1	1/1	1/1	0/0	0/0
	Ammonia	25%	1/1	1/1	4/4	4/4	1/1	2/3	1/2	1/3	2/2
	Ammonium chloride	aqueous	1/1	1/1	1/0	1/0	1/1	1/1	1/3	1/0	1/1
	Ammonium hydroxide	5 %	1/1	1/1	1/0	3/4	1/1	1/3	1/1	0/0	0/0
	Ammonium oxylate		1/1	1/2	(1)	1/1	1/2	1/1	1/1	0/0	0/0
	Ammonium phosphate	any	1/1	1/1	1/0	(2)	1/1	1/1	1/1	1/0	0/0
	Ammonium sulphide	any	1/1	1/1	1/0	4/4	1/1	0/0	1/3	1/0	0/0
	Amyl acetate		1/2	2/3	2/0	4/4	3/4	4/4	4/4	4/4	4/4
B	Amyl alcohol		1/1	1/2	1/0	1/0	1/1	1/3	2/3	3/0	0/4
	Aniline		1/2	1/3	3/4	4/4	2/3	4/4	4/4	4/4	0/4
	Antifreeze (automotive)		1/1	1/1	3/3	(1)	1/1	1/1	0/0	0/0	0/0
	Barium chloride	saturated	1/1	1/1	1/0	1/0	1/1	1/1	1/3	1/0	1/1
	Benzaldehyde		1/3	3/3	3/0	4/4	1/4	4/4	4/4	4/4	0/4
	Benzene		3/4	3/4	2/0	4/4	3/4	4/4	4/4	0/0	0/4
	Benzoic acid	saturated	1/1	1/1	3/4	4/4	1/3	2/2	1/2	1/0	1/1
	Benzyl alcohol		3/4	4/4	4/4	4/4	4/4	4/4	2/3	0/0	4/4
	Boric acid	10%	1/1	1/1	1/0	1/1	1/1	1/2	1/3	1/0	1/1
	Brake fluid		1/0	1/0	1/0	4/4	1/1	3/0	1/0	3/0	4/4
	Bromine		4/4	4/4	4/4	4/4	4/4	4/4	2/4	4/4	4/4
	Bromobenzene		3/4	4/4	1/0	4/4	4/4	4/4	4/4	0/0	0/0
	Butadiene		3/4	4/4	1/0	4/4	4/4	4/4	3/4	0/0	0/0
	Butanol	techn. pure	1/1	1/3	1/0	1/0	1/2	1/0	1/3	4/4	0/0
	Butyl acetate		1/2	2/3	1/0	4/4	3/4	4/4	4/4	4/4	4/4
	Butyric acid		3/4	4/4	3/3	4/4	4/4	4/4	2/4	4/4	4/4
C	Calcium chloride	aqueous	1/1	1/1	1/0	1/0	1/1	1/1	1/3	1/0	1/1
	Calcium hydroxide	conc.	1/1	1/1	1/0	4/4	1/1	2/2	1/1	1/0	0/0
	Calcium hypochlorite	saturated	1/1	1/1	1/4	3/4	1/1	2/3	2/3	3/0	1/1
	Calcium sulphate	saturated	1/1	1/1	1/1	1/0	1/1	1/0	1/3	1/0	0/0
	Carbazole		1/1	1/1	(2)	4/4	1/1	1/1	4/4	0/0	4/4
	Carbon bisulphide		4/4	4/4	3/0	4/4	4/4	4/4	4/4	4/4	4/4
	Carbon dioxide		1/1	0/0	0/0	0/0	1/1	0/0	1/1	0/0	1/1
	Carbon tetrachloride		3/4	4/4	1/0	4/4	4/4	4/4	2/3	4/4	4/4
	Caustic potash (potassium hydroxide)	50%	1/1	1/1	1/0	4/4	1/1	1/1	1/1	1/0	0/0
	Caustic soda	30%	1/1	1/1	1/0	4/4	1/1	1/0	1/3	1/3	0/0
	Cellosolve acetate		1/1	1/2	0/0	3/4	1/2	4/4	3/4	0/0	0/0
	Chlorine	10 % in H2O	3/4	3/4	4/4	2/3	4/4	4/4	1/2	0/0	4/4
	Chlorine water		3/0	0/4	4/4	4/4	3/4	4/4	3/3	3/0	3/3
	Chlorobenzene		3/4	3/4	4/4	4/4	3/4	4/4	4/4	0/0	0/4
	Chloroform		3/4	4/4	3/3	4/4	2/3	4/4	4/4	4/4	4/4
	Chromic acid	10%	1/1	1/1	4/4	2/3	1/1	1/1	1/2	0/0	0/3
	Citric acid	10%	1/1	1/1	1/1	1/2	1/1	1/2	2/2	1/0	0/0
	Cresol		3/4	4/4	4/4	4/4	2/3	4/4	4/4	4/4	3/4
	Cyclohexane		3/4	3/4	1/0	3/3	3/4	4/4	2/3	1/0	1/3
D	Decahydronaphthalene (decalin)		1/2	2/4	1/0	4/4	2/4	4/4	1/2	3/0	3/4
	Diamide hydrate	aqueous	1/1	1/0	4/4	(4)	1/1	0/0	1/0	0/0	0/0
	Dibutyl phthalate		1/3	3/3	1/0	4/4	2/2	4/4	4/4	4/4	0/4
	Dichlorobenzene	o-	3/3	3/4	(1)	4/4	3/4	4/4	4/4	4/4	4/4
	Diethylbenzene		3/4	4/4	(1)	3/4	4/4	4/4	4/4	0/0	0/0
	Diethylether		3/4	4/4	1/0	4/4	4/4	4/4	3/4	0/0	4/4
	Dimethylformamide		1/1	1/3	1/0	4/4	1/1	4/4	3/4	0/0	4/4
	Dioxin 1,4		2/2	2/3	1/0	4/4	3/3	4/4	3/4	4/4	4/4
E	Ethanol	50%	1/1	1/1	1/0	1/0	1/1	1/0	1/0	3/0	0/0
	Ether		3/4	4/4	1/1	4/4	4/4	4/4	3/4	4/4	4/4
	Ethyl acetate		1/3	3/4	1/0	4/4	1/3	4/4	4/4	4/4	0/4
	Ethyl acrylate	100%	4/4	4/4	1/0	(4)	4/4	0/0	4/4	4/4	0/0
	Ethyl alcohol	96%	1/1	1/3	1/0	1/3	1/1	3/4	1/3	3/0	1/3
	Ethyl benzene		2/3	3/4	(2)	4/4	3/4	4/4	4/4	4/4	4/4
	Ethyl chloride		3/3	3/4	1/0	4/4	3/4	4/4	4/4	4/4	4/4
	Ethyl ether	tech. pure.	3/0	2/3	1/0	4/4	4/4	4/4	4/4	4/4	0/0
	Ethylencyanacetat		1/1	1/1	0/0	3/4	1/1	2/4	3/4	0/0	0/0
	Ethylene glycol		1/1	1/1	1/0	2/3	1/1	1/1	1/1	3/3	1/1
F	Ethylene oxide		2/3	3/3	3/0	3/4	3/3	4/4	3/4	0/0	0/0
	Fluoride		1/1	1/1	(2)	1/1	1/1	2/2	1/1	0/0	0/0
	Fluorine		4/4	4/4	1/4	4/4	4/4	4/4	1/2	0/0	4/4
	Formaldehyde	40%	1/2	2/3	1/3	1/2	1/2	4/4	2/3	3/3	0/4
	Formic acid	98-100%	1/1	1/2	4/4	3/4	1/3	3/4	3/4	1/3	3/4
G	Glacial acetic acid		0/0	0/0	4/4	4/4	1/3	0/0	0/0	0/0	0/0
	Glucose	any	1/1	1/1	1/1	1/1	1/1	1/1	1/3	1/3	0/0
	Glycerine	any	1/1	1/1	1/0	3/3	1/1	1/1	1/1	2/3	1/1
H	Heating oil		3/3	3/4	1/0	3/3	1/3	3/4	1/1	3/3	1/1
	Heptane, n-		2/3	3/4	1/0	1/2	2/4	4/4	2/3	4/4	1/0
	Hexane		2/3	4/4	1/0	(2)	2/3	4/4	2/4	4/4	1/1

	Medium	Concentration	HDPE	LDPE	PA	PC	PP	PS	PVC	PVC- rigid	SAN
H	Hydrobromic acid	50%	1/1	1/2	4/4	4/4	1/2	4/4	1/1	3/3	0/0
	Hydrochloric acid	20%	1/1	1/1	4/4	2/3	1/1	1/1	1/3	0/0	0/3
	Hydrocyanic acid	aqueous	1/1	1/1	(3)	4/4	1/1	1/0	1/0	1/0	0/0
	Hydrofluoric acid	50%	1/1	1/1	4/4	4/4	1/1	4/4	2/3	2/0	3/3
I	Inorganic salts dissolved		1/1	1/1	0/0	1/1	1/1	2/2	1/1	0/0	0/0
	Iodine (I) - tincture		1/3	1/3	4/4	3/4	1/2	3/3	4/4	4/4	3/3
	Isopropanol (Isopropyl alcohol)	techn. pure	1/1	1/1	1/0	1/2	1/1	2/2	1/2	4/4	1/4
	Isopropyl acetate		1/2	2/3	1/0	4/4	2/3	4/4	4/4	4/4	0/0
K	Kerosene		2/2	3/4	(1)	4/4	3/3	4/4	1/1	0/0	0/0
	Lactic acid	85%	1/1	1/1	3/4	1/2	1/2	2/2	2/3	2/3	1/1
	Lanolin	techn. pure	1/3	1/3	1/0	1/0	1/3	1/1	3/3	3/3	1/1
	Lead acetate	aqueous	1/1	1/1	3/0	1/0	1/1	1/1	1/1	1/0	1/1
M	Lubricating oil		1/3	2/3	(2-3)	(1)	3/0	0/0	1/1	1/3	0/0
	Machine oil	100%	0/0	1/4	(1)	(2)	1/3	0/0	0/0	0/0	0/0
	Menthol	100%	1/3	3/4	3/0	3/4	1/3	4/4	0/0	0/0	0/0
	Mercuric chloride		1/1	1/1	4/4	1/0	1/1	1/3	1/3	1/0	1/1
	Mercury	pure	1/1	1/1	1/0	1/1	1/1	1/1	1/1	3/0	1/1
	Methanol (methyl alcohol)		1/1	1/1	2/0	4/4	1/1	3/4	1/3	3/3	3/4
	Methoxyethyl oleate		1/1	1/2	(2)	3/4	1/2	4/4	4/4	0/0	0/0
	Methyl acetate	100%	1/0	1/1	1/0	(4)	1/3	4/4	4/4	4/4	4/4
	Methyl ethyl ketone		1/3	3/4	1/0	4/4	1/3	4/4	4/4	4/4	4/4
	Methylene chloride		4/4	4/4	3/4	4/4	3/4	4/4	4/4	4/4	4/4
	Mineral oil		1/1	2/4	(1)	1/2	1/3	1/1	1/2	0/0	0/0
	Monochloroacetic acid		1/1	1/1	4/4	3/4	1/2	2/4	3/4	4/4	0/0
N	Nitric acid	50%	2/4	3/4	4/4	4/4	3/4	4/4	2/3	0/0	0/3
	Nitrobenzene		3/4	4/4	4/4	4/4	2/4	4/4	4/4	4/4	4/4
	Nitrohydrochloric acid		4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	3/4
	Octane, -n		1/1	1/1	1/0	2/3	1/1	4/4	3/4	3/3	1/1
O	Oils and fats, vegetable		1/3	1/3	(2)	(2)	1/3	3/0	1/1	3/3	0/0
	Oxalic acid		1/1	1/1	3/4	1/0	1/1	1/1	1/1	1/1	1/1
	Perchloroethylene		4/4	4/4	4/4	4/4	4/4	4/4	4/4	0/0	1/1
P	Perchloric acid		2/4	2/4	4/4	4/4	2/4	2/3	2/4	3/0	0/0
	Petroleum	techn. pure	1/3	3/4	1/0	3/0	1/3	4/4	1/0	3/0	3/4
	Petroleum spirit		2/3	3/4	1/0	3/3	3/4	4/4	2/4	0/0	0/4
	Phenol	100%	2/3	3/3	4/4	4/4	1/2	4/4	4/4	3/0	4/4
	Phenyldiazine	techn. pure	3/0	0/0	(3)	(3)	3/4	0/0	4/4	0/0	0/0
	Phosphoric acid	85%	1/1	1/1	4/4	1/2	1/2	1/2	1/2	1/1	1/2
	Photo developer		1/3	1/1	4/4	(2)	1/2	0/0	1/3	1/0	0/0
	Photo fixing bath		1/0	1/1	1/0	(2)	1/1	0/0	1/3	1/0	0/0
	Plasticiser		1/3	1/3	(2)	(3)	1/3	0/0	0/0	0/0	3/3
	Potassium perchlorate	saturated	1/1	1/1	(1)	1/0	1/1	0/0	1/3	3/0	0/0
	Potassium permanganate		1/3	1/1	4/4	1/0	1/1	1/3	1/3	0/0	1/3
	Propane	gaseous	3/4	4/4	1/0	3/4	2/4	4/4	1/2	0/0	0/0
Propylene glycol		1/1	1/1	4/4	2/3	1/1	1/1	3/4	0/0	1/1	
Propylene oxide		1/1	1/2	(3)	2/3	1/2	4/4	3/4	0/0	4/4	
Pyridine		1/3	0/2	1/0	4/4	3/3	4/4	4/4	4/4	4/4	
R	Resorcinol	saturated	1/1	1/1	4/4	2/3	1/1	2/3	3/4	0/0	0/0
	Salicylic acid	saturated	1/1	1/1	1/0	1/2	1/1	1/2	2/3	0/0	1/1
	Salicylic aldehyde		1/1	1/2	(3)	2/3	1/2	4/4	3/4	0/0	0/0
	Silver acetate		1/1	1/1	(2)	1/2	1/1	2/2	2/2	0/0	0/0
	Silver nitrate		1/1	1/2	1/0	1/1	1/2	2/3	1/2	1/3	1/2
	Sodium acetate	any	1/1	1/1	1/0	1/2	1/1	2/2	2/3	3/0	1/1
	Sodium carbonate		1/1	1/1	1/0	1/0	1/1	0/0	0/0	0/0	1/1
	Sodium chloride	any	1/1	1/1	1/0	1/1	1/1	1/1	1/3	1/3	1/1
	Sodium dichromate		0/0	1/1	1/0	1/0	1/1	1/1	1/0	0/0	0/0
	Sodium hydroxide	50%	1/1	1/1	1/0	4/4	1/1	2/2	1/2	0/0	0/3
	Sodium hypochloride	50%	3/3	3/3	4/4	(4)	3/3	0/0	1/0	0/0	0/0
	Sodium hypochlorite	15%	1/1	1/1	4/4	2/3	1/1	1/1	1/1	0/0	1/1
Stearic acid	crystals	1/3	1/3	1/0	1/2	1/3	1/2	1/2	1/1	1/1	
Sulphide		2/3	3/4	0/0	3/4	(2)	4/4	4/4	0/0	0/0	
Sulphur dioxide	damp	1/1	1/1	(3)	(3)	1/3	3/4	1/2	0/0	0/0	
Sulphuric acid	95%	3/4	3/4	4/4	4/4	3/4	4/4	2/4	0/0	4/4	
T	Tetrahydrofuran		3/4	4/4	1/0	4/4	3/4	4/4	4/4	4/4	4/4
	Thionylchloride	techn. pure	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4
	Trichloroethylene	100%	3/4	4/4	3/0	4/4	4/4	4/4	4/4	4/4	0/4
	Turpentine oil		2/2	3/4	1/0	4/4	4/4	4/4	2/3	4/4	3/3
U	Urea (carbamide etc.)		1/1	1/1	1/0	1/1	1/1	1/2	2/4	3/3	1/1
	Vinylchloride	techn. pure	0/0	0/0	1/1	(4)	(3)	0/0	4/4	4/4	0/0