




 Chemische Beständigkeit von Kunststoffen.

 Chemical resistance of materials.

 Resistenza chimica dei materiali.

Abkürzung / Abbreviation / Abbreviazione	Beschreibung / Description / Descrizione
PVC-U	Weichmacherfreies Polyvinylchlorid / Unplasticised Polyvinyl Chloride / Cloruro di polivinile non plastificato
PE	Polyethylene / Polyethylenes / Polietilene
EPDM	Ethylen-Propilen-Dien-Terpolymere / Ethylene-propylene-diene terpolymers / Gomma etilene propilene
FPM	Fluorierter Gummi / Fluorinated rubber / Gomma al fluoro
EVA	Ethylen-Vinylacetat-Copolymere / Ethylene vinyl acetate copolymers / Etilene vinil acetato
P.T.F.E	Polytetrafluoroethylene (Beständig gegen alle Chemikalien in der Liste) / Polytetrafluoroethylene (resistant to all the chemicals in the list) / Politetrafluoretilene (Resistente a tutti gli agenti chimici della lista)
-	Keine Informationen / No information / Nessuna informazione

Klassifikationsabkürzungen / Classification abbreviations / Classificazione	
S	Zufriedenstellend / Satisfactory / Soddisfacente
L	Eingeschränkt / Limited / Limitato
NS	Nicht zufriedenstellend / Not satisfactory / Non soddisfacente

Konzentrationsabkürzungen / Concentration abbreviations / Concentrazione	
Sol.	Wässrige Lösung mit einer Konzentration von mehr als 10%, jedoch nicht gesättigt. / Aqueous solution at a concentration higher than 10% but not saturated. / Soluzione acquosa di concentrazione superiore al 10% ma non satura.
Sol. sat.	Gesättigte wässrige Lösung, hergestellt bei 20 ° C. / Saturated aqueous solution, prepared at 20°C. / Soluzione acquosa satura, preparata a 20 °C.
Sol. dil.	Verdünnte wässrige Lösung bei einer Konzentration von 10% oder weniger. / Dilute aqueous solution at a concentration equal to or less than 10%. / Soluzione acquosa di concentrazione uguale o inferiore al 10%.
Sol. trab.	Wässrige Lösung mit einer ähnlichen Konzentration, wie sie normalerweise in der Industrie verwendet wird. / Aqueous solution at a similar concentration normally used by the industrie. / Soluzione acquosa con concentrazione simile, normalmente usata nell'industria.



Produkt	Product	Prodotto	Konz. / Conc.	PVC-U	PE	EPDM	FPM	EVA
Acetaldehyd	Acetaldehyde	Acetaldeide	40%	NS	S	S	S	NS
Acetaldehyd	Acetaldehyde	Acetaldeide	10%	NS	S	S	S	NS
Aceton	Acetone	Acetone	100%	NS	L	S	NS	NS
Acide Antroquinosul.	Acide antroquinosul.	Acido antrachinone	Sol. sat.	S	S	S	S	S
Alaun Kali. Sulfat	Alum potash. sul- phate	Allume di potassio	Sol. sat.	S	-	-	-	S
Allylalkohol	Allylic alcohol	Alcool allilico	96%	L	S	L	L	NS
Aluminiumchlorid	Aluminium chloride	Cloruro di alluminio	Sol. sat.	S	-	-	-	S
Aluminiumsulfat	Aluminium sulphate	Solfato di alluminio	Sol. sat.	S	-	-	-	S
Ameisensäure	Formic acid	Acido formico	1% - 50%	S	-	-	-	-
Ammoniak, flüssig	Ammonia, liquid	Ammoniaca, liquida	100%	L	S	S	NS	-
Ammoniak, trockenes Gas	Ammonia, dry gas	Ammoniaca, gas	100%	S	S	S	S	-
Ammoniak, wässrig	Ammonia, aqueous	Ammoniaca, acquosa	Sol. dil.	S	-	-	-	-
Ammoniumchlorid	Ammonium chloride	Ammonio cloruro	Sol. sat.	S	-	-	-	S
Ammoniumfluorid	Ammonium fluoride	Fluoruro di alluminio	20%	S	-	-	-	-
Ammoniumnitrat	Ammonium nitrate	Ammonio nitrato	Sol. stat.	S	-	-	-	S
Ammoniumsulfat	Ammonium sulphate	Solfato d'ammonio	Sol. sat.	S	-	-	-	S
Amylacetat	Amyl acetate	Amileacetato	100%	NS	L	NS	NS	NS
Amylalkohol	Amylic alcohol	Alcool amilico	100%	S	-	-	-	-
Anilin	Aniline	Anilina	100%	NS	-	-	-	NS
Anilin	Aniline	Anilina	Sol. sat.	NS	-	-	-	-
Anilinhydrochlorid	Aniline hydrochloride	Anilina idrocloruro	Sol. sat.	NS	-	-	-	NS
Antimon (III) chlorid	Antimony (III) chloride	Antimonio (III) cloruro	90%	S	S	S	S	-
Arsen-Säure	Arsenic acid	Acido arsenico	Sol.	S	S	S	S	-
Arsen-Säure	Arsenic acid	Acido arsenico	Sol. dil.	S	S	S	S	S
Arsen-Säure	Arsenic acid	Acido arsenico	Sol. sat.	S	-	-	-	-
Benzaldehyd	Benzaldehyde	Benzaldeide	0,10%	NS	-	-	-	NS
Benzin	Benzine	Benzina	-	S	-	-	-	NS
Benzin (alip.hyd./ benz.)	Petrol (alip.hyd./ benz.)	Benzina (alip.hyd./ benz.)	80 / 20	NS	-	-	-	NS
Benzoessäure	Benzoic acid	Acido benzoico	Sol. sat.	L	-	S	S	NS
Benzol	Benzene	Benzene	100%	NS	NS	L	S	NS
Bier	Beer	Birra	-	S	S	S	S	S
Bleiacetat	Lead acetate	Piombo acetato	Sol. dil.	S	S	S	S	S
Bleiacetat	Lead acetate	Piombo acetato	Sol. sat.	S	-	-	-	-
Bleitetraethyl	Lead tetraethyl	Piombo tetraetile	100%	S	S	S	S	-
Borsäure	Boric acid	Acido borico	Sol. dil.	S	-	-	-	S
Bromflüssigkeit	Bromine liquid	Bromo liquido	100%	NS	NS	NS	S	NS
Bromsäure	Bromic acid	Acido bromico	10%	S	-	-	-	NS



Produkt	Product	Prodotto	Konz. / Conc.	PVC-U	PE	EPDM	FPM	EVA
Bromwasserstoff-säure	Hydrobromic acid	Acido bromidrico	10%	S	-	-	-	-
Bromwasserstoff-säure	Hydrobromic acid	Acido bromidrico	50%	S	-	-	-	S
Butadien	Butadiene	Butadiene	100%	S	L	S	S	-
Butan	Butane	Butano	100%	S	-	-	-	-
Butanole	Butanols	Butanolo	-100%	S	S	S	S	-
Butil-fenol	Butylphenol	Fenolo butilico	100%	NS	NS	L	L	-
Buttersäure	Butyric acid	Acido butirico	20%	S	S	S	S	NS
Buttersäure	Butyric acid	Acido butirico	98%	NS	NS	L	L	-
Buttersäure	Picric acid	Acido butirrico	Sol. sat.	S	S	S	L	-
Butylacetat	Butyl acetate	Butilacetato	100%	NS	NS	S	NS	NS
Calciumchlorid	Calcium chloride	Calcio cloruro	Sol. sat.	S	-	-	-	S
Calciumnitrat	Calcium nitrate	Calcio nitrato	50%	S	S	S	S	NS
Chlor, trockenes Gas	Chlorine, dry gas	Cloro, gas	100%	L	L	NS	S	NS
Chlor, wässrig	Chlorine, aqueous	Cloro, acquoso	Sol. sat.	L	NS	S	NS	NS
Chloressigsäure	Chloroacetic acid	Acido cloroacetico	Sol.	S	-	-	-	-
Chlorsulfonsäure	Chlorosulphonicacid	Acido clorosolfonico	100%	L	NS	S	NS	NS
Chromsäure	Chromic acid	Acido cromico	1% - 50%	S	-	-	-	NS
Cresylsäure	Chresylic acid	Acido cresilico	Sol. sat.	-	-	-	S	-
Crotonaldehyd	Crotonaldehyde	Crotonaldeide	100%	NS	NS	S	S	-
Cyclohexanol	Cyclohexanol	Cicloesano	100%	NS	S	L	S	NS
Cyclohexanon	Cyclohexanone	Cicloesanone	100%	NS	S	L	NS	NS
Dextrin	Dextrin	Destrina	Sol. sat.	S	S	S	S	-
Dichlorethan	Dichloroethane	Dicloroetano	100%	NS	NS	NS	NS	NS
Dichlormethan	Dichloromethane	Diclorometano	100%	NS	-	-	-	-
Diethylamin	Diethylamine	Dietilamina	30%	S	-	-	-	-
Diglykolsäure	Diglycolic acid	Acido glicolico	18%	S	-	-	-	-
Eisen (III) chlorid	Iron (III) chloride	Acciaio (III) cloruro	Sol. sat.	S	-	-	-	S
Essig	Vinegar	Aceto	80 g/l	S	-	-	-	-
Essigsäure	Acetic acid	Acido acetico	Glacial	NS	S	L	NS	-
Essigsäure	Acetic acid	Acido acetico	25%	S	S	S	NS	-
Essigsäure	Acetic acid	Acido acetico	60%	S	L	L	NS	-
Essigsäureanhydrid	Acetic anhydride	Anidride acetica	100%	NS	L	NS	NS	NS
Ethanol	Ethanol	Etanolo	95%	S	S	S	S	S
Ether Diethyl	Ether diethyl	Etere dietilico	100%	NS	NS	-	NS	NS
Ethylacetat	Ethyl acetate	Etilacetato	100%	NS	S	L	NS	NS
Ethylacrylat	Ethyl acrylate	Acrilato di etile	100%	NS	-	S	NS	-
Ethylenglykol	Ethylene glycol	Etilene glicolico	Sol. trab.	S	S	S	S	-



Produkt	Product	Prodotto	Konz. / Conc.	PVC-U	PE	EPDM	FPM	EVA
Fenol	Phenol	Fenolo	90%	NS	-	-	-	NS
Fluorkieselsäure	Fluosilicic acid	Acido fluosilicico	32%	S	-	-	-	-
Fluorwasserstoff-säure	Hydrofluoric acid	Acido fluoridrico	40%	L	S	L	L	-
Fluorwasserstoff-säure	Hydrofluoric acid	Acido fluoridrico	60%	L	-	-	-	-
Fluorwasserstoff-säure	Hydrofluoric acid	Acido fluoridrico	100%	L	-	-	-	-
Formaldehyd	Formaldehyde	Formaldeide	Sol. dil.	S	-	-	-	-
Formaldehyd	Formaldehyde	Formaldeide	40%	S	-	-	-	S
Furfurylalkohol	Furfuryl alcohol	Alcool furfurilico	100%	NS	-	-	-	-
Gerbsäure	Tannic acid	Acido tannico	Sol.	S	-	-	-	S
Glucose	Glucose	Glucosio	Sol. sat.	S	-	-	-	S
Glykolsäure	Glycolic acid	Acido glicolico	30%	S	S	S	S	S
Glyzerin	Glycerine	Glicerina	100%	S	-	-	-	S
Hefe	Yeast	Lievito	Sol.	S	S	S	S	NS
Hexadecanol	Hexadecanol	Esadecanolo	100%	S	-	-	-	-
Hydrog. Sulfid, Gas	Hydrog. sulphide, gas	Idrogeno solfidrico, gas	100%	S	S	S	S	-
Kaliumbromid	Potassium bromide	Potassio bromuro	Sol. sat.	S	-	-	-	S
Kaliumchlorid	Potassium chloride	Potassio cloruro	Sol. sat.	S	-	-	-	S
Kaliumchromat	Potassium chromate	Potassio cromato	40%	S	S	S	S	S
Kaliumcyanid	Potassium cyanide	Potassio cianato	Sol.	S	-	-	-	S
Kaliumdichromat	Potassium dichromate	Potassio bicromato	40%	S	S	S	S	-
Kaliumeisen. (II)	Potassium ferricy. (II)	Potassio ferrocianuro (II)	Sol. sat.	S	S	S	S	-
Kaliumeisen. (III)	Potassium ferricy. (III)	Potassio ferrocianuro (III)	Sol. sat.	S	-	-	-	-
Kaliumhydroxid	Potassium hydroxide	Potassio idrossido	Sol.	S	-	-	-	-
Kaliumnitrat	Potassium nitrate	Potassio nitrato	Sol. sat.	S	-	-	-	S
Kaliumpermanganat.	Potassium perman-gan.	Permanganato di potassio	20%	S	L	S	S	-
Kaliumpersulfat	Potassium persulphate	Potassio persolfato	Sol. sat.	S	-	-	-	-
Kohlendioxid, aqu. Sol.	Carbon diox., aqu. sol.	Anidride carbonica, soluzione	Sol. sat.	S	S	S	S	-
Kohlendioxid, feuchtes Gas	Carbon diox., wet gas	Anidride carbonica, gas umido	-	S	S	S	S	-
Kohlendioxid, trockenes Gas	Carbon diox., dry gas	Anidride carbonica, gas secco	100%	S	S	S	S	-
Kresole	Cresols	Cresoli	Sol. sat.	-	-	-	-	NS
Kupfer (II) chlorid	Copper (II) chloride	Rame (II) cloruro	Sol. sat.	S	S	S	S	S



Produkt	Product	Prodotto	Konz. / Conc.	PVC-U	PE	EPDM	FPM	EVA
Kupferfluorid	Copper fluoride	Fluoruro di rame	2%	S	-	-	-	-
Kupfersulfat (II)	Copper sulphate (II)	Rame solfato (II)	Sol. sat.	S	-	-	-	S
Magnesiumchlorid	Magnesium chloride	Magnesio cloruro	Sol. sat.	S	-	-	-	S
Magnesiumsulfat	Magnesium sulphate	Magnesio solfato	Sol. sat.	S	-	-	-	S
Maleinsäure	Maleic acid	Acido maleico	Sol. sat.	S	-	-	-	S
Meerwasser	Sea water	Acqua di mare	-	S	-	-	-	S
Melasse	Molasses	Melassa	Sol. trab.	S	S	S	S	S
Melasse	Urea	Urea	10%	S	-	-	-	S
Methylalkohol	Methyl alcohol	Alcool metilico	100%	S	S	S	S	-
Methylmethacrylat	Methyl metacrilate	Metilmetacrilato	100%	NS	-	-	-	-
Milch	Milk	Latte	-	S	S	S	S	-
Milchsäure	Lactic acid	Acido lattico	10%	S	-	-	-	-
Milchsäure	Lactic acid	Acido lattico	10% - 90%	L	-	-	-	-
Natrium Chlorat	Sodium chlorate	Sodio clorato	Sol. sat.	S	-	-	-	S
Natriumbenzoat	Sodium benzoate	Sodio benzoato	35%	S	-	-	-	S
Natriumbisulfat	Sodium bisulfate	Sodio bisolfato	Sol. stat.	S	-	-	-	-
Natriumchlorid	Sodium chloride	Sodio cloruro	Sol. sat.	S	-	-	-	S
Natriumferricyan. (II)	Sodium ferricyan. (II)	Sodio ferrocianuro (II)	Sol. sat.	S	S	NS	NS	-
Natriumferricyan. (III)	Sodium ferricyan. (III)	Sodio ferrocianuro (III)	Sol. sat.	S	-	-	-	-
Natriumhydroxid	Sodium hydroxide	Sodio idrossido	Sol.	S	-	-	-	-
Natriumhypochlorit	Sodium hypochlorite	Sodio ipoclorito	100%	S	L	S	S	NS
Natriumsulfat	Sodium sulphate	Sodio solfato	Sol. sat.	S	-	-	-	S
Natriumtetraborat	Sodium tetraborate	Sodio tetraborato	Sol. sat.	S	-	-	-	S
Nickelsulfat	Nickel sulphate	Nichel solfato	Sol. sat.	S	-	-	-	S
Nikotinsäure	Nicotinic acid	Acido nicotinic	Sol. trab.	S	-	-	-	-
Oleum	Oleum	Acido solforico fu- mante	10% de SO3	NS	NS	L	S	NS
Öle und Fette	Oils and fats	Oli e grassi	-	S	-	-	-	NS
Ölsäure	Oleic acid	Acido oleico	100%	S	-	-	-	NS
Orthophosphorsäure	Orthophosforic acid	Acido fosforico	30%	S	-	-	-	-
Orthophosphorsäure	Orthophosforic acid	Acido fosforico	30%	S	-	-	-	-
Oxalsäure	Oxalic acid	Acido ossalico	Sol. dil.	S	-	-	-	-
Oxalsäure	Oxalic acid	Acido ossalico	Sol. sat.	S	-	-	-	-
Ozon	Ozone	Ozono	100%	S	-	-	-	-
Perchlorsäure	Perchloric acid	Acido perclorico	10%	S	-	-	-	-
Perchlorsäure	Perchloric acid	Acido perclorico	70%	L	-	-	-	-
Phenylhydrazin	Phenylhydrazine	Fenilidrazina	100%	NS	L	L	S	-
Phenylhydrazin hydr.	Phenylhydrazine hydr.	Fenilidrazina, hydr.	97%	NS	-	-	-	-
Phosphin	Phosphine	Fosfina	100%	S	-	-	-	-
Phosphorchlorid	Phosphorous chloride	Fosforo cloruro	100%	NS	-	-	-	-



Produkt	Product	Prodotto	Konz. / Conc.	PVC-U	PE	EPDM	FPM	EVA
Photog. Entwickler	Photog. developer	Sviluppatori foto- grafici	Sol. trab.	S	S	S	S	-
Propan, flüssig. Gas	Propane, liq. gas	Propano, gas liquido	100%	S	S	S	S	-
Pyridin	Pyridine	Piridina	-100%	NS	-	-	-	NS
Salpetersäure	Nitric acid	Acido nitrico	10%	S	-	NS	NS	S
Salpetersäure	Nitric acid	Acido nitrico	30%	-	-	-	-	-
Salpetersäure	Nitric acid	Acido nitrico	50%	S	-	-	S	-
Salpetersäure	Nitric acid	Acido nitrico	70%	NS	-	-	S	-
Salzsäure	Hydrochloric acid	Acido cloridrico	10%	S	S	S	S	S
Salzsäure	Hydrochloric acid	Acido cloridrico	35%	S	S	NS	S	S
Salzsäure	Hydrochloric acid	Acido cloridrico	48%	-	-	-	-	S
Salzsäure	Hydrochloric acid	Acido cloridrico	100%	S	-	S	NS	S
Sauerstoff	Oxygen	Ossigeno	100%	S	-	-	-	-
Schwefeldioxid, flüssig	Sulphur dioxide, liquid	Zolfo bioossido, liquido	100%	L	S	S	S	-
Schwefeldioxid, trocken	Sulphur dioxide, dry	Zolfo bioossido, secco	100%	S	-	-	-	-
Schwefelkohlenstoff	Carbon disulfide	Solfuro di carbonio	100%	NS	L	NS	NS	NS
Schwefelsäure	Sulfuric acid	Acido solforico	40% - 90%	S	S	S	S	-
Schwefelsäure	Sulfuric acid	Acido solforico	96%	L	L	NS	L	NS
Schweflige Säure	Sulfurous acid	Acido solforoso	Sol.	S	-	-	-	-
Seife	Soap	Sapone	Sol.	S	S	S	S	-
Silbernitrat	Silver nitrate	Argento nitrato	Sol. sat.	S	S	S	S	-
Tetrachlorkohlenstoff	Carbon tetrachloride	Carbonio tetracloruro	100%	NS	-	-	-	NS
Toluol	Toluene	Toluene	100%	NS	NS	NS	L	NS
Trichlorethylen	Trichloroethylene	Tricloroetilene	100%	NS	NS	L	S	NS
Trimethylpropan	Trimethyl propane	Trimetilpropano	-10%	S	-	-	-	-
Urin	Urine	Urina	-	S	-	-	-	S
Vinylacetat	Vinyl acetate	Acetato di vinile	100%	NS	-	S	S	NS
Wasserstoff	Hydrogen	Idrogeno	100%	S	-	-	-	-
Wasserstoffperoxid	Hydrogen peroxide	Idrogeno perossido	30%	S	S	S	S	-
Wein	Wine	Vino	-	S	S	S	S	S
Weinsäure	Tartaric acid	Acido tartarico	Sol.	S	-	-	-	S
Xylol	Xylol	Xilene	100%	NS	-	-	-	-
Zinkchlorid	Zinc chloride	Zinco cloruro	Sol. sat.	S	-	-	-	S
Zinn (II) chlorid	Tin (II) chloride	Stagno (II) cloruro	Sol. sat.	S	-	-	-	S
Zitronensäure	Citric acid	Acido citrico	Sol. sat.	S	-	-	-	S
Zucker	Sugar	Zucchero	Sol. sat.	S	-	-	-	S