

Chemical Resistance

XYLENT by Poloplast Germany

Medium	concentration	XYLENT Size D32 - D160 at 20° C	XYLENT Size D200 - D250 at 20° C
1,1-Dichloroethene	technical	C	B
1,2-Dichloroethene	technical	C	B
1-Nitropropane	technical	C	C
Acetaldehyde	technical	B	C
Acetamide	10%	C	C
Acetic anhydride	technical	B	A
Acetone	technical	A	C
Acetophenone	technical	C	C
Acetylacetone	saturated solution	C	C
Acetylene	technical	A	A
Acrylo nitrile	technical	C	C
Adipic acid	saturated solution	A	A
Adipic acid diethyl ester	technical	C	C
Aircraftfuel	technical	C	C
Allyl alcohol	technical	C	A
Allyl chloride	technical	C	C
Almond oil	technical	C	B
Alum, aqeous	saturated solution	A	A
Aluminium salts	saturated solution	A	A
Ammonia, aqeous	saturated solution	A	A
Ammonium salts	saturated solution	A	A
Amyl acetate	technical	C	C
Amyl alcohol	technical	A	A
Amyl chloride	technical	C	C
Aniline	technical	B	C
Aniline colors	technical	C	C
Aniline hydrochloride	saturated solution	B	B
Animal oil, Bone oil	technical	C	B
Anisol, Methoxy benzene	technical	C	C
Anti-freezing agent	technical	A	A
Antimony salts	saturated solution	A	A
Applejuice	-	A	A
Aqua regia	saturated solution	C	C
Arsenic acid	saturated solution	A	A
Asphalt	technica	C	B
ASTM Fuel	technica	C	C
ASTM Oil	technica	C	C
Bacon	saturated sol	C	B
Bariumsalts	saturated sol	A	A
BC 48, Bore oil	technical	C	B
Bee wax	suspension	A	A

Medium	concentration	XYLENT Size D32 - D160 at 20° C	XYLENT Size D200 - D250 at 20° C
Beer	-	A	A
Benzaldehyde	saturated solution	C	C
Benzene	technical	C	C
Benzoic acid	suspension	C	C
Benzoyl chloride	technical	C	C
Benzyl alcohol	technical	C	C
Benzyl chloride	technical	C	C
Bismuth salts	saturated solution	C	C
Bitumen	technical	C	C
Black coal tar	technical	C	C
Black liquor	technical	C	C
Blast furnace gas	gas, technical	C	C
Borax	saturated solution	C	C
Boric acid	saturated solution	C	C
Brake fluid	technical	C	C
Bromine, gas	technical	C	C
Bromobenzene	technical	C	C
Bunker oil	technical	C	B
But-2-ene 1,4-diol	technical	C	B
Butadiene	gas, technical	C	C
Butanediol	technical	C	C
Butanol	technical	A	A
Butter	-	C	A
Butyl acetate	technical	C	C
Butyl benzoate	technical	C	C
Butyl glycol	technical	C	B
Butyl phenol	technical	C	C
Butyl phenon	technical	C	C
Butyl phthalate	technical	C	B
Butyl stearate	technical	C	A
Butylene	gas, technical	C	B
Butyraldehyd	technical	C	C
Butyric acid	technical	C	C
Calcimine	saturated solution	A	B
Calcium hydroxide	saturated solution	A	A
Calcium hypochlorite	saturated solution	C	B
Calcium salts	saturated solution	A	A
Camphor oil	technical	C	C
Carbitol	technical	C	B
Carbolineum	technical	C	A
Carbon dioxide	saturated solution	A	A
Carbon disulphide	technical	C	B
Carbon monoxide	technical	A	A
Carbon tetrachloride	technical	C	C
Carbonic acid	saturated solution	A	A
Castor oil	technical	C	B

Medium	concentration	XYLENT Size D32 - D160 at 20° C	XYLENT Size D200 - D250 at 20° C
Cellosolve, 2-Ethoxyethanol	technical	C	B
Cellulose acetate	technical	C	C
Chlor amine	wassrig	C	A
Chloral	technical	C	A
Chloral hydrate	saturated solution	C	C
Chlorbenzene	technical	C	C
Chloric acid	10%	C	C
Chlorine dioxide	wassrig	C	C
Chlorine water	saturated solution	C	C
Chlorine, gas	50 ppm	C	C
Chloro butadiene	technical	C	C
Chloro dodecane	technical	C	C
Chloroacetic acid	technical	C	B
Chloroacetic acid methyl ester	technical	C	C
Chlorobromomethane	technical	C	C
Chloroethanol	technical	C	C
Chloroform	technical	C	C
Chloromethane, gas	technical	C	C
Chloronaphthalene	technical	C	C
Chloronitroethane	technical	C	C
Chloroprene	technical	C	C
Chlorosulphonic acid	technical	C	C
Chlorotoluene	technical	C	C
Chrome alum	saturated solution	A	A
Chromic Sulphuric acid	saturated solution	C	C
Cider	-	A	A
Cider	100%	A	A
Citric acid	saturated solution	A	A
Citronell oil	technical	C	B
Coal gas	gas, technical	C	A
Coconut fat alcohol	technical	C	B
Coconut oil	technical	C	B
Cod Liver oil	technical	A	A
Coke oven gas	technical	B	B
Copper salts	saturated solution	C	A
Corn oil	saturated solution	C	B
Cottonseed oil	technical	C	A
Creosote	technical	C	C
Cresols	technical	C	B
Crotonaldehyde	saturated solution	C	A
Crude oil (aromatics)	technical	C	C
Crude sugar syrup	saturated solution	A	A
Cyclohexane	technical	C	A
Cyclohexanol	technical	C	A
Cyclohexanon	technical	C	C
Decalin	technical	C	C

Medium	concentration	XYLENT Size D32 - D160 at 20° C	XYLENT Size D200 - D250 at 20° C
Decan	technical	C	C
Detergent soap	technical	A	A
Detergents	wissr.Lsg. techn.	A	A
Dextrin	technical	A	A
Dextrose	saturated solution	A	A
Diacetone alcohol	saturated solution	B	C
Dibenzyl ether	technical	C	C
Dibutyl ether	technical	C	B
Dibutyl phthalate	technical	C	C
Dibutyl sebacate	technical	C	C
Dibutylamine	technical	C	C
Dichloro ethane	technical	C	B
Dichloroacetic acid	technical	C	B
Dichloroacetic acid	technical	C	B
Dichloroacetic acid metyl ester	40%	C	B
Dichlorobenzene	saturated solution	A	C
Dichlorobutylene	technical	C	C
Dichloroisopropyl ether	technical	C	C
Diesel fuel	technical	C	B
Diethanolamine	technical	C	B
Diethylbenzene	technical	C	C
Diethyl ether	technical	C	B
Diethyl sebacate	technical	C	C
Diethylamine	technical	C	B
Diethylene glycol	technical	A	A
Dihexyl phthalate	technical	C	C
Diisobutyl ketone	technical	B	C
Diisobutylene	technical	C	C
Diisooctyl phthalate	technical	C	C
Diisopropyl benzene	technical	C	C
Diisopropyl ether	technical	C	B
Diisopropyl ketone	technical	C	C
Dimethyl aniline	technical	C	C
Dimethyl phthalate	technical	C	C
Dimethyl sulfate	technical	C	C
Dimethylamine	gas, technical	C	C
Dimethylformamide	technical	B	B
Dinitrotoluene	technical	C	C
Dinonyl phthalate	technical	C	C
Dioctyl phthalate	technical	C	C
Dioctyl sebacate	technical	C	C
Diaxane	technical	C	C
Dioxolane	technical	C	C
Diphenyl	technical	B	C
Diphenylether	technical	C	B
Dipropylene glycole	technical	C	A

Medium	concentration	XYLENT Size D32 - D160 at 20° C	XYLENT Size D200 - D250 at 20° C
Distilled beverages	-	A	A
Dodecyl alcohol	technical	A	A
Essential Oils	technical	C	C
Ethane	gas, technical	C	A
Ethane thiol	technical	C	C
Ethanol	technical	A	A
Ethanolamine	technical	B	C
Ethyl acetate	technical	B	C
Ethyl acrylate	technical	B	C
Ethyl benzene	technical	C	C
Ethyl bromide	technical	C	B
Ethyl cellulose	saturated solution	B	A
Ethyl chloride	gas, technical	C	C
Ethyl formate	technical	C	C
Ethyl glycol	technical	B	C
Ethyl glycol acetate	technical	C	C
Ethyl oxalate	technical	C	C
Ethyl pentachlorobenzene	technical	C	C
Ethyl siicate	technical	C	A
Ethyl thiole	technical	C	C
Ethylacetoacetat	technical	C	C
Ethylene	gas, technical	C	A
Ethylene bromide	technical	C	C
Ethylene chloride	gas, technical	C	C
Ethylene chlorohydrin	technical	C	C
Ethylene diamine	gas, technical	B	B
Ethylene dichloride	technical	C	C
Ethylene glycol	technical	A	A
Ethylene oxide	gas, technical	C	C
Fats	technical	C	A
Fatty acids	technical	C	A
Fatty alcohol	technical	C	A
Fluor, gas	technical	C	C
Fluorobenzene	tochnical	C	C
Fluoroboric acid	technical	A	A
Fluorosilicic acid	technical	A	A
Formaldehyd	salurated solution	A	A
Formamide	technical	A	A
Formic acid	10%	A	A
Formic acid	40%	B	B
Formic acid	85% technical	B	B
Fructose	saturated solution	A	A
Fruit juice	technical	A	A
Fruilpulp	technical	A	A
Fumaric acid	technical	A	A
Furan	technical	C	C

Medium	concentration	XYLENT Size D32 - D160 at 20° C	XYLENT Size D200 - D250 at 20° C
Furfural	technical	C	C
Furfuryl alcohol	technical	B	C
Gallic acid	technical	B	B
Gas oil	technical	C	B
Gasoline	5%	C	A
Gasoline	technical	C	C
Gelatine	saturated solution	A	A
Glucose	saturated solution	A	A
Glucose syrup	saturated solution	A	A
Glue	technical	A	A
Glycerin chlorohydrin	technical	C	C
Glycerine	saturated solution	A	A
Glycine	10%	A	A
Glycole	technical	B	C
Glycolic acid	30%	A	A
Gysantin	technical	A	A
Heating oil, coal based	technical	C	A
Heating oil, petroleum based	technical	C	A
Heptane	technical	C	C
Hex-1-ene	technical	C	B
Hexachlorobuladiene	technical	C	C
Hexafluorosilicic acid	50%	B	B
Hexaldehyde	technical	C	C
Hexane	technical	C	B
Hexanetriol	technical	B	A
Hexanol	technical	C	B
Honey	100%	A	A
Horseradish	suspension	A	A
Hydraulic oil (Glycole based)	technical	C	C
Hydraulic oil (Mineral oi)	technical	C	B
Hydraulic oil (Phosphate ester)	technical	C	C
Hydrazin	saturated solution	C	C
Hydrezin hydrate	technical	C	C
Hydrobromic acid	48%	B	C
Hydrochloric acid	20%	A	B
Hydrochioric acid	35%	B	B
Hydrocyanic acid	saturated solution	B	B
Hydrofluoric acid	75%	B	B
Hydrogen	gas, technical	A	A
Hydrogen peroxide	<10%	A	A
Hydrogen peroxide	12%	A	A
Hydrogen peroxide	30%	A	A
Hydrogen sulphide	gas, technical	C	C
Hydroquinone	saturated solution	C	B
Hydroxylammonium sulphate	saturated solution	A	A
Hypochlorous acid	10%	C	C

Medium	concentration	XYLENT Size D32 - D160 at 20° C	XYLENT Size D200 - D250 at 20° C
Ink	technical	A	A
Iodine pentafluorid	technical	A	A
Iodine tincture	technical	A	A
Iodine, in alcohol	saturated solution	A	A
Iod-Iodopotassium	saturated solution	A	A
Iron salts	saturated solution	A	A
Isobutylacohol	technical	A	B
Isooctane	technical	C	C
Isooctylalcohol	technical	B	A
Isophorone	technical	C	C
Isopropanol	technical	B	B
Isopropyl acetate	technical	C	C
Isopropyl alcohol	technical	B	B
Isopropyl benzene	technical	C	C
Isopropyl chloride	technical	C	C
Isopropyl ether	technical	C	C
Jet fuel	technical	C	B
Kerosene	technical	C	B
Lactic acid	saturated solution	A	A
Lanolin	technical	C	A
Lard	technical	C	B
Lead salts	saturated solution	A	A
Linseed oil	technical	C	B
Liqueurs	-	A	A
Lithium salts	saturated solution	A	A
Lubricating oils	technical	C	B
Machine oil	technical	C	B
Magnesium salts	Suspension	A	A
Maleic acid	saturated solution	B	B
Malic acid	saturated solution	B	A
Margarine	technical	C	B
Mayonnaise	technical	C	B
Menthol	technical	A	A
Mercury	technical	A	A
Mercury salts	saturated solution	A	A
Mesityl oxide	technical	C	C
Methane	technical	C	A
Methanol	technical	C	A
Methoxy butanol	technical	C	A
Methyl acetate	technical	C	C
Methyl acrylate	technical	C	C
Methyl bromide	technical	C	C
Methyl butyl ketone	technical	C	C
Methyl chloride	technical	C	C
Methyl ethyl ketone	technical	B	C
Methyl formate	technical	C	C

Medium	concentration	XYLENT Size D32 - D160 at 20° C	XYLENT Size D200 - D250 at 20° C
Methyl glycol	technical	C	C
Methyl isobutyl ketone	technical	C	C
Methyl methacrylate	technical	C	C
Methyl salicylate	technical	C	C
Methyl sulfuric acid	technical	C	C
Methylacrylic acid	technical	C	C
Methylacrylic acid methyt ester	technical	C	C
Methylamine	<32%	A	C
Methylcyclopentane	technical	C	C
Methylene chloride	technical	C	C
Methylene dichloride	technical	C	C
Milk	100%	A	A
Mineral oils	technical	C	B
Mixed acid I (S-acid,N-acid, water)	technical	C	C
Molasses	technical	A	A
Monomethylaniline	technical	C	C
Morpholine	technical	C	C
Motor lubricating oils	technical	C	B
Motor oil	technical	C	B
Naphtha	technical	C	B
Naphthalene	technical	C	C
Natural gas	gas. technical	B	A
n-Butanol	technical	C	A
Nickel salts	saturated solution	A	A
Nitric acid	30%	C	C
Nitric acid	35%	C	C
Nitrobenzene	technical	C	C
Nitroethane	technical	C	C
Nitrogen tetroxide	gas. technical	C	C
Nitroglycole	technical	C	C
Nitromethane	technical	C	C
Nitropropane	technical	C	C
Nitrotoluol, o-	technical	C	C
Nitrous acid	technical	B	B
Nitrous gases	technical	C	C
Nitrous oxide	gas, technical	A	A
n-Octan	technical	C	C
Nonanol	technical	C	C
Nutrient salts	technical	A	A
Octachlorotoluene	technical	C	C
Octadecane	technical	C	C
Octane	technical	C	C
Octanol	technical	C	B
Octylkresol	technical	C	B
Oils and Fats	technical	C	B
Oleic acid	technical	C	A

Medium	concentration	XYLENT Size D32 - D160 at 20° C	XYLENT Size D200 - D250 at 20° C
Olive oil	technical	C	B
Oxalic acid	saturated solution	A	A
Ozone	1%	A	A
Palm oil	technical	C	C
Palmitic acid	technical	C	B
Paraffin oil (F65)	technical	C	B
Paraformaldehyde	saturated solution	B	B
P-Cymene	technical	C	C
Peanut oil	technical	C	B
Pectin	technical	A	A
Pentachloro phenyle	technical	C	C
Pentane	technical	C	B
Perchloric acid	20%	B	C
Perchloroethylene	technical	C	B
Petroleum	technical	C	B
Petroleum ether	technical	C	B
Phenol	technical	C	C
Phenylethylether	technical	C	C
Phenylhydrazine	technical	C	C
Phenylhydrazinium chloride	technical	C	C
Phosphates (inorganic)	technical	A	A
Phosphoric acid	technical	A	A
Phosphorous oxychloride	technical	C	C
Photo developer	technical	A	A
Photo emulsions	technical	A	A
Photo fixer	technical	A	A
Phthalic acid	saturated solution	C	C
Phthalic acid anhydride	technical	C	A
Picric acid	saturated solution	B	B
Pine oil	technical	C	C
Pinene	technical	C	B
Piperidine	technical	C	C
Potassium hypochlorite	saturated solution	C	C
Potassium salts	saturated solution	A	A
Potassiumhydroxide	saturated solution	A	A
Propane, liquid	technical	C	A
Propanol	technical	A	A
Propionic acid	technical	C	C
Propyl acetate	technical	C	C
Propylamine	technical	C	C
Propylene dichloride	technical	C	C
Propylene glycole	technical	A	A
Propylene oxide	technical	C	A
Pyridine	technical	C	C
Rape seed oil	technical	C	B
Salicylic acid	saturated solution	A	A

Medium	concentration	XYLENT Size D32 - D160 at 20° C	XYLENT Size D200 - D250 at 20° C
Seawater	-	A	A
Silicic acid	technical	A	A
Silicone greases	technical	A	A
Silicone oil	technical	A	A
Silver salts	saturated solution	A	A
Slurry	100%	A	A
Soap solution	saturated solution	A	A
Sodium hydroxide	40%	A	A
Sodium hypochlorite	10%	C	C
Sodium salts	saturated solution	A	A
Soft soap	saturated solution	A	A
Soybean oil	technical	C	B
Spermaceti	technical	C	B
Spindle oil	technical	C	B
Starch	saturated solution	A	A
Stearic acid	technical	B	B
Styrene	technical	C	C
Succinic acid	saturated solution	A	A
Sucrose solution	saturated solution	A	A
Sulfur	technical	A	A
Sulfur dioxide, aqueous	saturated solution	A	A
Sulfuric acid	40%	C	C
Sulfuric acid	90%	C	C
Sulfuric acid	98%	C	C
Sulfuric acid	37,5%	C	C
Sulfuric acid, Oleum	konzentriert	C	C
Sulfuryl chloride	technical	C	C
Sulphurous acid	<30%	A	A
Sulphurous acid	technical	B	B
Tallow	technical	C	B
Tannic acid	saturated solution	B	A
Tannine	saturated solution	A	A
Tar, bituminous	technical	C	B
Tartaric acid	saturated solution	A	A
Tartaric acid	saturated solution	A	A
Terpineol	technical	C	C
Tetrachlorethane	technical	C	C
Tetrachloro ethylene	technical	C	C
Tetrahydrofuran	technical	C	C
Tetralin	technical	C	C
Thionyl chloride	technical	C	B
Thiophene	technical	C	C
Toluene	technical	C	C
Toluene diisocyanate	technical	C	B
Transformer oil	technical	C	B
Triacetin	saturated solution	B	B

Medium	concentration	XYLENT Size D32 - D160 at 20° C	XYLENT Size D200 - D250 at 20° C
Trichloroacetic acid	<50%	B	C
Trichloroethane	technical	C	C
Trichloroethylene	technical	C	C
Tricresyl phosphate	technical	C	C
Triethanolamine	50%	C	B
Triethylamine	technical	C	B
Triethylene glycol	technical	B	A
Trinitrotoluene	suspension	C	C
Trioctyl phosphate	technical	C	C
Trisodium phosphate	saturated solution	A	A
Tung oil	technical	C	B
Turpentine	technical	C	C
Urea	saturated solution	A	A
Urine	-	A	A
Vaseline	technical	C	B
Vegetable oils	technical	C	B
Vinegar	technical	A	A
Vinyl acetate	technical	C	C
Vinyl chloride	technical	C	C
Water	-	A	A
Whiskey	-	A	A
Wine vinegar	5%	A	A
Wines and spirits	-	A	A
Xylenes	technical	C	C
Xylenoles	technical	C	C
Yeast	suspension	A	A
Zinc salts	saturated solution	A	A

Subject to technical changes.
All Information provided without guarantee.
In case of special Requirements contact our
application technology.

A... Resistent
B... Limited stable
(depends on concentration, temperature, duration and frequency)
C... not resistant

XYLENT
By Poloplast, Germany 
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