

Resistance to chemicals

wash basin, laundry basin multiset, maxi

	concentration in %	temperature 20°C	remarks	
acids	formic acid	100	+	
	formic acid	50	+	
	benzene-sulfonic acid	10	+	
	chloroacetic acid	20	+	
	chlorosulfonic acid		-	
	acetic acid	100	+	
	acetic acid	60	+	
	acetic acid	10	+	
	acetic anhydride		+	
	hydrofluoric acid, gaseous		+	
	hydrofluoric acid, solution	35	+	
	hydrofluoric acid, solution	10	+	
	mix HNO ₃ -H ₂ SO ₄		0	
	mix HNO ₃ -HCl		-	
	phosphoric acid	90	+	
	phosphoric acid	30	+	
	nitric acid	100	-	
	nitric acid	65	+	
	nitric acid	10	+	up to max. 100°C
	hydrochloric acid, gaseous		+	
	hydrochloric acid, solution	30	+	up to max. 60°C
	hydrochloric acid, solution	10	+	up to max. 60°C
	sulphur dioxide, liquid		+	
	sulphur dioxide, gaseous, wet		+	
	sulphur dioxide, gaseous, dry		+	
	sulphur dioxide, solution		+	
	sulphuric acid, fuming		+	
	sulphuric acid	98	+	
	sulphuric acid	80	+	
	sulphuric acid	40	+	
sulphuric acid	20	+		

		concentration in %	temperature 20°C	remarks
alkaline compounds	ammonia, gaseous		+	up to max. 100°C
	caustic ammonia		+	
	calcium hydrate		+	
	caustic potash	concentrated	+	up to max. 100°C
	caustic potash	10	+	up to max. 100°C
saline solutions	bichromates		+	
	carbonates, alkali cyanides		+	up to max. 80°C
	fluorides		+	
	hypochlorites		+	
	alkaline sulphides		+	up to max. 100°C
alcohols	cyclohexanol		+	
	glycerol		+	up to max. 100°C
	glycol		+	up to max. 100°C
	methanol, ethanol		+	up to the boiling point
aldehydes	acetaldehyde		+	
	formaldehyde		+	
compounds of chlorine	dichlorethylene		-	
	chlorobenzene		-	
	chloroform		-	
	diethyl ether		-	
	ester		0	
	carbon tetrachloride		-	
	trichloroethylene		-	

		concentration in %	temperature 20°C	remarks
hydrocarbons	benzine		o	
	benzol		o	
	mineral oils		+	
	toluol		o	
	xylene		o	
ketones	acetone		+	
	cyclohexanone		+	
other compounds	aniline		+	up to max. 100°C
	chlorine, liquid		-	
	urea, in solution		+	
	nitrobenzene		+	up to max. 60°C
	vegetable oils		+	
	phenol		+	
	pyridine		+	
	oxygen		+	
	water		+	up to the boiling point
	hydrogen		+	
hydrogen peroxide	30	+		
hydrogen peroxide	3	+		

resistant to light-fast, natural dyes

Signs and symbols:

- + = good
- o = problematic
- = unsuitable

The column "remarks" shows the maximum temperatures at which the plastic material is still usable.

At higher temperatures the plastic material will be affected by the respective chemical product.

Where no temperatures are given, experiences regarding the behaviour of the plastic material at temperatures above 20°C are not available.

Please note that the above data only apply to the plastic material used for the production of the basins (PP) but not to any other parts like screws, outlet valves, washers etc.