

CHEMICAL RESISTANCE

Table below is an informational guide only with general chemical characteristics of the raw materials used in KOUVIDIS products and it should not be considered as a substitute for testing under your specific conditions.

	PP		HDPE		PVC		PC		PS	
	25°C	60°C	25°C	60°C	25°C	60°C	25°C	60°C	25°C	60°C
Acetaldehyde	•	-	•	○	-	-	•	•	-	-
Acetic Acid	•	•	•	•	•	•	○	○	○	-
Acetone	•	•	•	•	-	-	-	-	-	-
Acetyl Chloride	-	-	-	-	-	-	-	-	-	-
Ammonium Chloride	•	•	•	•	•	•	•	•	•	•
Ammonium Hydroxide	•	•	•	•	•	•	-	-	•	•
Aniline	•	•	•	•	-	-	-	-	-	-
Benzene	•	○	•	•	-	-	-	-	-	-
Benzoic Acid	•	•	•	•	•	•	-	-	•	•
Boric acid (10%)	•	•	•	•	•	•	•	•	•	•
Bromine Gas	-	-	○	-	○	○	○	-	-	-
Bromine Water	-	-	○	-	•	○	○	-	-	-
Butyl Alcohol	•	•	•	•	•	•	•	○	•	•
Calcium Hydroxide	-	•	•	•	•	•	-	-	•	•
Carbon Disulphide	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	○	-	○	○	○	-	○	-	-	-
Chlorine Water	○	○	-	-	•	○	•	○	-	-
Chlorinated Gas	-	-	○	-	-	-	•	•	-	-
Citric Acid	•	•	•	•	•	•	•	•	•	•
Cyclohexanol	○	-	•	•	•	-	•	○	-	-
Diethylene Glycol	•	•	•	•	○	-	•	○	•	•
Diethyl Ether	•	-	○	-	○	-	-	-	-	-
Dioxin	•	○	•	•	-	-	-	-	-	-
Diesel Oil	•	•	•	•	•	•	•	-	○	-
Ethylene Chloride	○	-	-	-	-	-	-	-	-	-
Ethylene Oxide GAS	○	○	○	○	-	-	○	-	N	N
Fluorine GAS	-	-	-	-	-	-	○	○	N	N
Formic Acid	•	•	•	•	•	○	-	-	○	-
Glycerin	•	•	•	•	•	•	•	•	•	•
Hydrochloric Acid (30%)	•	•	•	•	•	•	-	-	•	○
Hydrofluoric Acid (25%)	•	•	•	•	•	•	-	-	-	-
Hydrogen	•	•	•	•	•	•	•	•	•	•
Hexane	•	○	•	-	•	-	○	-	-	-
Methyl Alcohol	•	•	•	•	•	○	•	○	•	○
Mineral oil	•	○	•	•	•	•	•	•	•	•
Nitric Acid (<25%)	•	•	•	•	•	•	•	•	○	○
Oxalic Acid	•	○	•	•	•	•	•	•	•	-
Petroleum	•	○	•	•	•	○	•	○	-	-
Phosphoric Acid (50%)	•	•	•	•	•	•	•	•	•	•
Seawater	•	•	•	•	•	•	•	-	•	•
Sodium Chloride	•	•	•	•	•	•	-	-	•	•
Sulfuric Acid (<10%)	•	•	•	•	•	•	•	•	•	○
Sulfuric Acid (<90%)	○	○	○	○	-	-	-	-	-	-
Toluene	○	-	○	-	-	-	-	-	-	-
Vegetable Oil	•	•	•	○	•	•	•	•	•	•
Xylene	○	○	○	○	-	-	-	-	-	-

• = Resistant against chemical attack
 ○ = Limited Resistant against chemical attack
 - = Poor resistance, not recommended
 N = No Data available