

# Chemical Resistance Chart

A, no effect; B, Good resistance; C, Fair resistance; NR, Not Recommended  
All data at 23° C; Elevated temperatures may require evaluation.

Chemical family	Polypropylene	Polyethylene	Nylon	PBT	PTFE
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## Aromatics

Benzene	NR	NR	A	A	A
Toluene	NR	NR	A	A	A
Xylene	NR	NR	A	A	A
Aniline	B	B	NR	B	A
Phenol	A	A	NR	NR	A
gasoline	B	C	A	A	A
diesel	B	C	A	A	A

## Solvents

Acetone	B	B	A	B	A
Mineral Spirits	C	B	A	B	A
Lacquer thinner	NR	B	A	B	A
Turpentine	NR	A	A	B	A

## Organic Acids

Citric acid	A	A	NR	A	A
Oxalic acid	B	A	NR	A	A
Acetic acid	A	A	NR	B	A
Formic acid	A	A	NR	NR	A
Lactic acid	A	A	NR	B	A

## Mineral Acids

hydrochloric acid - 100%	NR	B	NR	NR	A
hydrochloric acid- dilute	A	A	NR	C	A
nitric acid -100%	C	NR	NR	C	A
nitric acid -dilute	A	B	NR	C	A
phosphoric acid -100%	B	A	NR	B	A
phosphoric acid - dilute	A	A	NR	A	A
sulphuric acid -100%	B	C	NR	B	A
sulphuric acid - dilute	A	A	NR	A	A
boric acid -100%	A	B	NR	B	A
boric acid - dilute	A	A	NR	A	A

## Bases

Potassium hydroxide	A	A	C	NR	A
Sodium hydroxide	A	A	C	NR	A
Calcium hydroxide	A	A	C	NR	A
ammonia	A	A	B	NR	A
sodium carbonate	A	A	A	B	A
Magnesium hydroxide	A	A	A	B	A
Pyridine	A	A	B	C	A
methyl amine	A	A	B	B	A

## Miscellaneous

Ethyl Alcohol	A	A	B	B	A
Methyl Alcohol	A	A	B	B	A
Vegetable Oil	A	A	A	A	A
Stearic Acid	A	A	NR	A	A