

Chemical Resistant Chart

Flux \ Material	PS	PE	PP	PC	ABS	NR	NBR	AS
Acetone	×			×			×	×
Benzene	×					×	×	×
Phenol		×	×	×	×		×	
Ethyl Alcohol								
Methyl Alcohol								
Formaldehyde								×
Acetaldehyde							×	×
Toluene	×			×	×	×		×
Xylene	×			×	×	×		×
Trichloroethylene	×			×	×	×	×	×
Chloroform	×	×	×	×	×	×	×	×
Liquid Ammonia				×				
Sulfuric Acid 10%								
Sulfuric Acid 98%	×			×	×	×	×	×
Nitric Acid 10%						×	×	
Nitric Acid 30%	×				×	×	×	×
Hydrochloric Acid 10%								
Hydrochloric Acid 30%							×	

*The above Chemical Resistant Chart is only for your reference. It is recommendable to test your specimen first before using.
 Almost no influence If possible, not use is better × Not suitable for use

Character of Main Plastics

Material	PS	PE	PP	PC	ABS
Biotic Character	Inactive	Inactive	Inactive	Inactive	Inactive
Working Temperature Range()	-10 ~ 90	-80 ~ 100	-80 ~ 130	-130 ~ 140	-20 ~ 110
Transparency	Transparence	Opacity	Semi-transparence	Transparence	Opacity
Density(mg/cm ³)	1.05	0.92	0.90	1.20	1.02 ~ 1.06
Autoclave(121 °C x20min/1hPa)	Prohibited	Prohibited	Tolerable	Tolerable	Prohibited
Heat Distortion()	70 ~ 90	80 ~ 100	90 ~ 130	130 ~ 140	50 ~ 80
Water Absorption(%)	< 0.02	< 0.02	< 0.01	< 0.30	< 0.40

*The above Working Temperature Range is only for your reference, since it may change depend on the shape of the plastic.