

Plastic Cuvette Chemical Compatibility Chart

Chemical	PS	PMMA	UV
Acetic acid (96%)	Poor	Poor	Excellent
Acetone	Poor	Poor	Excellent
Acetonitrile	Poor	Poor	Excellent
Benzene	Poor	Poor	Poor
Butanone (methyl ethyl ketone, MEK)	Poor	Poor	Excellent
Carbon Tetrachloride	Poor	Poor	Poor
Chloroform	Poor	Poor	Poor
Diethyl Ether	Poor	Poor	Marginal
Dimethyl Sulfoxide	Marginal	Poor	Excellent
Ethanol	Poor	Poor	Excellent
Formaldehyde (40%)	Poor	Poor	Excellent
Heptane	Poor	Marginal	Poor
Hexane	Poor	Excellent	Poor
Hydrochloric Acid (32%)	Marginal	Poor	Excellent
Isopropanol	Marginal	Marginal	Excellent
n-Pentane	Poor	Poor	Poor
Oleic Acid	Poor	Poor	Poor
Perchloric Acid (10%)	Poor	Poor	Excellent
Petroleum Ether	Poor	Poor	Marginal
Phenol	Poor	Poor	Excellent
Sodium Hydroxide	Excellent	Poor	Excellent
Sulfuric Acid	Poor	Poor	Excellent
Trichloroacetic Acid	Poor	Poor	Excellent
Trichloroethylene	Poor	Poor	Poor
Toluene	Poor	Poor	Poor

Excellent: Properties of BRAND Disposable Cuvettes remain intact after 24 hours of exposure.

Marginal: Properties of BRAND Disposable Cuvettes may not remain intact after 24 hours of exposure. Testing is recommended prior to use.

Poor: Properties of BRAND Disposable Cuvettes will not remain intact after 24 hours of exposure.