



# Electro Optical Components, Inc.

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Chemical resistance of the plastic housing of BG, NG, LG and NS series

••	acetone	•••	sodium chloride saturated
•••	aluminium acetate	•••	sodium sulfate concentrated
○	formic acid concentrated	••	nitrobenzene
•••	ammonia	○	oleum
•••	ethanoic acid	••	oxalic acid
••	aniline	•	ozone
•••	benzine	•••	perchloroethylene
•••	benzene	•••	petroleum ether
•	benzyl alcohol	•	phenol
•	bromine	•••	potash
•••	butane	•••	propane
••	butanol	•••	pyridine
○	chlorine	○	resorcinol
•••	chlorobenzene	•••	crude oil
•	chloroform	•••	salicylic acid
•••	diesel oil	○	nitic acid
•••	diethyl ether	•	nitic acid 1 %
••	vinigar	○	nitic acid 10 %
•	acetic acid	•••	brimstone
•••	ethanol	•	sulfuric acid 10 %
•••	ethylene oxide	○	sulfuric acid concentrated
•••	fats	•••	hydrosulfide
○	fluorine	•••	soap sud
•	formaldehyde	•••	phenylmethylsilicone fluid
•••	difluorodichloromethane liquid F12 - Freom®	•••	soda solution 50 %
•	difluorodichloromethane liquid F22 - Freom®	•••	styrol
••	anzifreezing compound	•••	oleoresin, turpentine
•••	dlycerol	•••	carbon tetrachloride
••	uric acid	•••	tetralin / tetrahydronalptalene
•••	urea	•••	toluene
•••	heptane	•••	transformer oil
•••	hydraulic oil	••	trichlorothane
•••	iso-oktanol	••	trichloroethylene
○	alcoholic tincture of iodine	•••	water
•••	caustic potash 50 %	•	hydrogen peroxide 20 %
○	pofassium permanganate 5 %	•••	wine
•••	kerosen	••	acidity of wine
○	cresol	•••	xylene
•••	copper sulfate	••	zinc chloride
••	magnesium chlorid 50 %	••	citrid acid
•••	sea water		
•••	methane		
••	methanol	<b>comment</b>	
•	lactic acid	•••	permanent
•••	petroleum	••	conditionally permanent
•••	engine oil	•	impermanent
•••	sodium carbonate 50 %	○	solubly