CHEMICAL RESISTANCE DATA SHEET

	TEST TEMP. IN °C	PLA NX2 MATT	PLA BASIC	PLA BASIC CF	PLA HIGH-SPEED	BIOFUSION	GREENTEC	GREENTEC PRO	GREENTEC PR CF	FLAX	PEARL	WOOD	PCTG	PETG	XPETG MATT	XPETG CF	XPETG REC	DURAPRO ABS	DURAPRO ABS CF	DURAPRO ASA	DURAPRO ASA CF	DURAPRO ASA GF	DURAPRO PA12	DURAPRO PA12 CF	DURAPRO PC FR V0	DURAPRO PC/PBT	DURAPRO PC/PBT CF	FLEX SEMISOFT	FLEX MEDIUM	FLEX MEDIUM ESD	FLEX HARD	FLEX HARD CF
acetone	20	◔	◔	◔	◔	◔	◔	◔	◔	◔	◔	◔	◑	◕	◕	◕	◕	◔		◔	◔	◔	●	●	◑	◑	◑	◑	◑	◑	◑	◑
mek, methylethylketon	20	–	–	–	–	–	–	–	–	–	–	–	◔	–	–	–	–	–		–	–	–	●	●	◑	◑	◑	◑	◑	◕	◑	◑
ammonia. 10% water	20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	●	●	◑	●	●	◕	◕	●	◕	◕
ammonium nitrate (fertilizer)	20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	●	–	–	◕	◕	●	◕	◕
astm oil no. 1	80	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	●	●	●	●	●
astm oil no. 2	80	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	●	●	●	●	●
astm oil no. 3	80	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	●	●	●	●	●
normal petrol	20	–	–	–	–	–	–	–	–	–	–	–	◔	–	–	–	–	–		–	–	–	●	●	●	–	–	●	●	●	●	●
premium gasoline	20	–	–	–	–	–	–	–	–	–	–	–	◔	–	–	–	–	–		–	–	–	●	●	◑	◑	◑	◕	◕	●	◕	◕
bitumen / asphalt	80	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	●	●	●	●	●
brake fluid	80	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	◑	◑	◕	◕	◕	◕	◕
cyclohexane	20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	◑	–	–	◕	◕	●	◕	◕
mineral oil	20	●	●	●	●	●	●	●	●	●	●	●	–	–	–	–	–	◕		◕	◕	◕	●	●	–	●	●	●	●	–	●	●
dimethylformamide	20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	○	○	○	○	○
ethyl acetate	20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	◑	◑	◑	◑	◑	◕	◑	◑
ethyl alcohol (10%)	20	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	◕		◕	◕	◕	–	–	●	●	●	●	●	◕	●	●
ethyl alcohol (95%)	20	◑	◑	◑	◑	–	◑	◑	◑	◑	◑	◑	◑	◑	◑	◑	◑	–		–	–	–	–	–	●	●	●	◑	◑	◕	◑	◑
frigen r11	20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	◕	◕	●	◕	◕
diethylene glycol	20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	●	●	●	●	●
isopropyl alcohol	20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	●	●	◕	◕	◕	◕	◕	◕	◕	◕
limescale	20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	◑	–	–	◕	◕	●	◕	◕
methanol	20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	●	●	◑	◕	◕	◑	◑	◕	◑	◑
methyl chloride	20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	◑	◑	◑	◑	◑	◑	◑	◕	◑	◑
trichloroethane	20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	◑	◑	◑	◑	◑	◕	◑	◑
chloroform	20	◑	◑	◑	◑	◑	◑	◑	◑	◑	◑	◑	–	–	–	–	–	–			–	–	◑	◑	◑	–	–	–	–	–	–	–
1,2 dichlorethane	20	◑	◑	◑	◑	◑	◑	◑	◑	◑	◑	◑	–	–	–	–	–	–		–	–	–	–	–	◑	–	–	–	–	–	–	–
engine oil	80	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	●	●	●	●	●	●	●
sodium chloride, aquatic 10%	20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	◕		◕	◕	◕	●	●	●	–	–	●	●	●	●	●
phosphoric acid, aquatic 10%	20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	◕		◕	◕	◕	●	●	●	–	–	◔	◔	◑	◔	◔
potassium soap grease	80	–	–	–	–	–	–	–	–	–	–	–	●	●	●	●	●	◕		◕	◕	◕	–	–	–	–	–	●	●	●	●	●
lithium soap grease	80	–	–	–	–	–	–	–	–	–	–	–	●	●	●	●	●	◕		◕	◕	◕	–	–	–	●	●	◕	◕	●	◕	◕
sodium soap grease	80	–	–	–	–	–	–	–	–	–	–	–	●	●	●	●	●	◕		◕	◕	◕	–	–	–	–	–	●	●	●	●	●
hydrochloric acid (1.5%)	20	◑	◑	◑	◑	◑	◑	◑	◑	◑	◑	◑	–	–	–	–	–	◕		◕	◕	◕	◑	◑	◕	●	●	–	–	◔	–	–
hydrochloric acid (10%)	20	–	–	–	–	–	–	–	–	–	–	–	◕	–		–	–	–		–	–	–	◑	◑	●	●	●	◔	◔	◔	◔	◔
sulfuric acid (2,5%)	20	◑	◑	◑	◑	◑	◑	◑	◑	◑	◑	◑	–	–	–	–	–	–		–	–	–	●	●	◑	●	●	–	–	◕	–	–
sulfuric acid (10%)	20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	◕	◕	◑	●	●	◕	◕	◕	◕	◕
tetrahydrofuran (thf)	20	◔	◔	◔	◔	◔	◔	◔	◔	◔	◔	◔	–	–	–	–	–	–		–	–	–	●	●	◑	–	–	◔	◔	◔	◔	◔
water distilled	20	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	◕	–	–	●	●	●	●	●
water distilled	50	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	◕	–	–	●	●	●	●	●
water distilled	80	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	–	–	●	●	◕	●	●
acetic acid	20	●	●	●	●	●	●	●	●	●	●	●	◕	–	–	–	–	–		–	–	–	●	●	●	●	●	–	–	–	–	–
glycerin	20	●	●	●	●	●	●	●	●	●	●	●	–	–	–	–	–	–		–	–	–	●	●	◕	–	–	–	–	–	–	–
caustic soda (10%)	20	◑	◑	◑	◑	◑	◑	◑	◑	◑	◑	◑	◕	–	–	–	–	–		–	–	–	●	●	◑	–	–	–	–	–	–	–
nitric acid (3.5%)	20	◑	◑	◑	◑	◑	◑	◑	◑	◑	◑	◑	◕	–	–	–	–	–		–	–	–	◑	◑	●	–	–	–	–	–	–	–

● RESISTANT ◕ MODERATELY RESISTANT ◑ UNSTABLE ◔ VERY UNSTABLE ○ SOLUBLE – NOT SPECIFIED

CHEMICAL RESISTANCE DATA SHEET

FURTHER INFORMATION

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