

Chemical resistance of materials

	Water	Inorganic hydrochloric acid	Weak acids	Strong organic acids	Strong acids	Hydrofluoric acid	Oxidizing acids	Weak lyes	Strong lyes	Aliphatic hydrocarbons	Aromatic hydrocarbons	Chlorinated hydrocarbons	Unsaturated chlorinated hydrocarbons	Lower alcohols	Ester	Ketones	Ether	Gasoline	Fuel mixture	Mineral oil	Fats,Oils	Turpentine
1.0616 hardened	E	E	E	E	E	E	E	D	C	A	A	C	C	A	C	C	A	A	A	A	A	C
1.3505 hardened	E	E	D	E	E	E	E	C	C	A	A	C	C	A	C	C	A	A	A	A	A	C
1.4034 hardened	A	E	E	D	E	E	D	E	A	A	C	E	A	A	A	A	A	A	A	A	A	A
1.4125 hardened	A	E	E	C	E	E	A	C	C	C	A	C	E	A	A	A	A	A	A	A	A	A
1.4301	A	A	C	C	C	C	C	C	C	A	A	B	E	A	A	A	A	A	A	A	A	A
1.4401	A	A	C	C	C	C	C	C	C	A	A	E	A	A	A	A	A	A	A	A	A	A
1.4571	A	A	C	C	C	C	C	C	A	A	A	E	A	A	A	A	A	A	A	A	A	A
Titan 35	A	C	C	B	C	E	C	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A
Aluminum	A	B	C	B	D	E	C	B	D	A	A	C	C	A	A	A	A	A	A	A	A	A
Hard metal	A	C	E	D	E	E	E	E	D	A	A	A	A	A	A	A	A	A	A	A	B	A
Brass	C	D	E	D	E	D	E	C	C	B	B	B	A	B	A	A	A	A	A	A	A	A
Bronze	A	D	C	C	D	C	E	C	E	A	A	A	A	A	A	A	A	A	A	A	A	A
Steatite	A	B	A	A	C	E	A	A	C	A	A	A	A	A	A	A	A	A	A	A	A	A
Glass	A	A	A	B	B	E	A	A	B	A	B	A	A	A	A	A	A	A	A	A	A	A
PA (Polyamide 66)	B	A	E	D	E	E	E	B	C	A	A	D	B	A	A	A	A	A	B	A	A	C
POM (Polyacetal)	B	A	D	B	E	E	E	A	A	A	B	A	A	A	E	C	A	B	A	A	A	C
PP (Polypropylene)	A	A	A	A	E	C	E	A	A	A	D	E	E	A	C	A	C	D	D	C	B	E
PTFE (Teflon)	A	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
PUR (Polyurethan)	C	E	E	E	E	E	E	E	E	E	E	E	C	C	E	E			A		A	E
Silicon nitride Si ³ N	A	A	A	B	B	D	C	A	C	A	A	A	A	A	A	A	A	A	A	A	A	A
Zirconia ZrO ^{2'}	A	A	A	A	A	D	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Aluminum oxide Al ² O ³	A	A	A	A	A	D	A	A	C	A	A	A	A	A	A	C	A	A	A	A	A	A

A = resistant B = sufficiently resistant C = conditionally resistant D = mostly unstable E = totally unstable