



### PFA Rod Chemical Resistance

Chemicals	Immersion Temp	Immersion Time	Tensile Strength Retention	Tensile Elongation Retention	Weight Change
	(°C)	(Days)	(%)	(%)	(%)
Fuming Nitric Acid	25	28	88	91	0.61
Conc. Hydrochloric Acid_	100	28	94	105	0.44
Ammonia	70	28	93	101	0.01
Ethanol	78	7	88	124	0.09
Acetone	56	7	93	119	0.31
Carbon Tetrachloride	78	7	81	116	2.49
Chloroform	61	7	97	109	1.49
Toluene	110	7	99	111	0.77
Xylene	138	7	95	104	0.72
Benzene	80	7	100	108	0.56
n-Hexane	64	7	87	100	0.53
Methyl Ethyl Ketone	80	7	86	94	0.61
Ethyl Acetate	77	7	94	100	0.59
Aniline	185	7	100	97	0.3
Phenol	182	7	84	94	1.33