

Chemical Resistance Charts

1335/1505/1515/1525/1535

Reagent	Time	% Weight Change	Hardness	Reagent	Time	% Weight Change	Hardness
10% Acetic Acid	3 hours	0.64	77	Bleach	3 hours	0.08	79
	24 hours	1.47	76		24 hours	0.31	78
	3 days	2.68	74		3 days	0.57	79
	7 days	4.10	73		7 days	0.81	78
	30 days	6.86	68		30 days	0.82	79
	90 days	10.9	65		90 days	0.96	64
Butyl Cellosolve	3 hours	0.17	75	Deionized Water	3 hours	0.14	78
	24 hours	0.85	71		24 hours	0.35	78
	3 days	2.20	64		3 days	0.63	78
	7 days	3.41	63		7 days	1.00	78
	30 days	6.78	60		30 days	1.46	77
	90 days	14.4	60		90 days	1.31	77
Ethanol	3 hours	0.63	76	10% Lactic Acid	3 hours	0.16	78
	24 hours	1.89	70		24 hours	0.47	79
	3 days	3.62	65		3 days	1.05	77
	7 days	5.79	61		7 days	1.66	78
	30 days	2.91	56		30 days	2.72	76
	90 days	-1.04	68		90 days	4.00	65
Methanol	3 hours	2.38	62	Methyl Ethyl Ketone (MEK)	3 hours	5.77	58
	24 hours	6.66	33		24 hours	19.7	19
	3 days	5.25	28		3 days	12.6	20
	7 days	Destroyed	N/A		7 days	Destroyed	N/A
	30 days	Destroyed	N/A		30 days	Destroyed	N/A
	90 days	Destroyed	N/A		90 days	Destroyed	N/A
Skydrol	3 hours	0.04	75	50% Sodium Hydroxide	3 hours	0.03	80
	24 hours	-0.06	75		24 hours	-0.05	78
	3 days	-0.14	75		3 days	-0.12	78
	7 days	-0.23	74		7 days	-0.16	78
	30 days	-0.39	76		30 days	-0.30	80
	90 days	-0.55	53		90 days	-0.44	63
70% Sulphuric Acid	3 hours	0.13	80	98% Sulphuric Acid	3 hours	-19.33	72
	24 hours	0.04	80		24 hours	Destroyed	N/A
	3 days	0.03	80		3 days	Destroyed	N/A
	7 days	0.03	81		7 days	Destroyed	N/A
	30 days	-0.01	80		30 days	Destroyed	N/A
	90 days	0.00	80		90 days	Destroyed	N/A
Toluene	3 hours	0.09	75	Xylene	3 hours	-0.02	75
	24 hours	2.62	69		24 hours	-0.01	74
	3 days	8.79	65		3 days	0.69	70
	7 days	11.5	57		7 days	1.92	64
	30 days	13.5	50		30 days	6.50	62
	90 days	18.1	50		90 days	8.51	62

Chemical Resistance Charts

1545

Reagent	Time	% Weight Change	Reagent	Time	% Weight Change
10% Acetic Acid	3 days 28 days	2.29 6.77	50% Sodium Hydroxide	3 days 28 days	0.01 -0.02
25% Acetic Acid	1 day 7 days 28 days 90 days	3.10 8.70 16.20 25.60	Deionized Water	3 days 28 days	0.68 1.73
Ethanol	3 days 28 days 90 days	1.97 6.02 2.40	10% Lactic Acid	3 days 28 days	0.92 3.35
Methanol	3 days 28 days	8.85 1.91	Methyl Ethyl Ketone (MEK)	3 days 28 days	Destroyed Destroyed
1,1,1 Trichloroethane	3 days 28 days	0.04 0.36	10% Sodium Hypochlorite	3 days 28 days	0.57 1.24
70% Sulphuric Acid	3 days 28 days	0.10 0.18	98% Sulphuric Acid	3 days 28 days 90 days	1.17 -1.42 -2.00
Toluene	3 days 28 days 90 days	0.00 0.72 2.40	Xylene	3 days 28 days	0.02 0.02