



CHEMICAL RESISTANCE CHART

EUCCO 700

REAGENTS	Shore D Hardness ± 1.0	% Weight Gain ± 0.20	% Volume Change ± 2.0	APPEARANCE
Water	34	1.90	-3.0	lost gloss
Methanol	9	13.50	22.8	swollen, faded, blistering
Ethanol 95%	9	-	-	swollen, faded, delaminated
Ethanol 50%	9	19.90	21.6	swollen, color unchanged
Detergent	38	1.90	<2.0	unchanged
Sodium Chloride 60%	42	1.50	<2.0	unchanged
Sodium Hydroxide 1%	36	3.20	3.5	slightly faded
Sodium Hydroxide 10%	40	3.90	3.0	unchanged
Sodium Hydroxide 50%	60	-0.97	<2.0	unchanged
Ammonium Hydroxide 10%	29	2.90	<2.0	surface damaged, dulled, faded
Ammonium Hydroxide (conc)	28	2.90	2.2	color slightly faded
Sodium Carbonate 20%	35	1.70	2.4	unchanged
Acetic Acid 5%	4	63.20	-	swollen, cracked & delaminated
Acetic Acid (conc)	5	120.00	121.0	cracked with drying
Hydrochloric Acid 10%	21	26.60	30.5	pebbled, faded & textured
Hydrochloric Acid (conc)	11	38.20	30.6	discolored: purple, pebbled
Nitric Acid 10%	27	20.40	19.3	discolored: yellow-green
Nitric Acid 40%	-	-	-	discolored, then destroyed
Nitric Acid (conc)	-	-	-	samples destroyed
Sulfuric Acid 3%	26	13.80	12.2	slightly faded
Sulfuric Acid 30%	29	-	12.8	textured and faded
Sulfuric Acid (conc)	-	-	-	samples destroyed
Acetone	-	0.30	-	samples destroyed < 16 hours
Xylene	-	7.51	-	samples destroyed in 48 hours
Kerosene	43	0.42	5.2	unchanged
Mineral Oil	46	0.31	5.9	unchanged

Chemical resistance tested per ASTM D-543 after 14 day cure. This data should only be used as a guide. It is advisable to test the material under actual use conditions or, at minimum, simulated service conditions before specification or use.