

Capu-Cell Solvent Resistance

Capu-Cell does not react with water or biological fluids. Capu-Cell is impervious or reacts mildly with most corrodents under normal conditions. Some aggressive corrodents affect Capu-Cell when subjected to long exposure and heated conditions.

Resistance to ASTM D543 (30 day saturation)

CORRODENT	TEMP.	4.3# % wt. change ¹	8.6# % wt. change ¹	OBSERVATION	CORRODENT	TEMP.	4.3# % wt. change ¹	8.6# % wt. change ¹	OBSERVATION
Acetone	23°C	-0.2	-1.5	Unaffected	Methanol	23°C	-1.6	-1.7	Unaffected
	50°C	-7.8	-3.9	Softened		50°C		-5.1	Unaffected
						50°C	-6.3		Softened
Caustic 10%	23°C	-21.7	-8.0	Discolored, Brittle	MEK	23°C	-1.0		Unaffected
	50°C		-18.1	Discolored, Brittle		23°C		-0.8	Discolored
	50°C	-50.9		Severe Attack		50°C	-5.9	-6.7	Softened
Ammonia hy	23°C	-1.8	-0.1	Unaffected	Mineral Oil	23°C	+35.5	+19.0	Unaffected
	50°C	-18.9	-0.9	Softened		50°C	+44.1	+17.8	Unaffected
Benzene	23°C	-0.5	-0.6	Unaffected	Oils / Fats	23°C	+18.5	+9.3	Unaffected
	50°C	-7.8	-5.8	Softened		50°C	+19.1	+8.8	Unaffected
Ethyl Alcohol	23°C	-0.3	-1.1	Unaffected	Phos acid 10%	23°C	-1.0	-0.1	Unaffected
	50°C	-5.8	-6.6	Softened		50°C	-6.6	-3.8	Softened
Ethyl Ether	23°C	-0.4	-0.3	Unaffected	Sulfuric Acid 0.2N	23°C	+0.2	-0.2	Unaffected
	50°C	-9.9	-3.8	Softened		50°C	-3.6	-4.6	Softened
Ethyl Acetate	23°C	-0.7	-1.0	Unaffected	Detergent	23°C	+6.2	+2.7	Unaffected
	50°C	-5.1	-4.2	Softened		50°C	+7.6	+3.3	Unaffected
Freon	23°C	-0.3	-0.2	Unaffected	Toluene	23°C	+0.8	-4.0	Unaffected
	50°C		-2.6	Discolored		50°C	-5.1	-6.9	Softened
	50°C	-4.8		Softened					
HCl 1%	23°C	-4.0	-2.3	Discolored, Brittle	Trichloroethane	23°C	+0.5	-0.6	Unaffected
	50°C	-12.9	-12.4	Severe Attack		50°C	-7.9	-7.5	Softened
Isopropanol	23°C	-0.8	-0.9	Unaffected	Xylene	23°C	0		Unaffected
	50°C		-5.7	Unaffected		23°C		-0.1	Discolored
	50°C	-6.9		Softened		50°C	-5.1	-5.9	Softened

¹There is always a value for percent change in volume, similar to the value for percent change in weight.