

<b>Solvent Study</b>		Prism CM200		Baydur 726 IBS		Baydur GS 772		Bayflex XGT 80		Bayflex XGT 80 w/15% Glass		Bayflex 110-50		Bayflex 110-50 w/15% Glass		Bayflex 180 w/20% Rimglos1	
<b>1998</b>		Dimensional Stability	Flexural Modulus	Dimensional Stability	Flexural Modulus	Dimensional Stability	Flexural Modulus	Dimensional Stability	Tensile Strength	Dimensional Stability	Tensile Strength	Dimensional Stability	Tensile Strength	Dimensional Stability	Tensile Strength	Dimensional Stability	Tensile Strength
Water	<b>Water at 25°C</b>	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
	<b>Water at 38°C</b>	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
	<b>20% aqueous CaCl</b>	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	>1500 hrs -30%	OK	OK	OK	OK
Acids	<b>10% aqueous HCl</b>	OK	OK	OK	>500 hrs +7%	OK	OK	OK	OK	OK	OK	OK	OK	Absorbs solvent (>100 hrs +10%, Mass + 10%)	OK	OK	OK
	<b>2% aqueous Sulfuric Acid</b>	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
	<b>10% aqueous Acetic Acid</b>	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	Absorbs solvent (>100 hrs Mass + 10%)	OK	Absorbs solvent (>500 hrs +10%, Mass + 20%)	OK
Bases	<b>10% aqueous KOH</b>	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
	<b>Ammonia (household)</b>	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Alcohols	<b>Ethanol (Ethyl alcohol)</b>	Absorbs solvent (>1000 hr +5%, Mass +17%)	>1000 hrs -50%	Absorbs solvent (>1000 hr Mass + 20%)	>100 hrs -50%	Absorbs solvent (>1000 hr Mass + 20%)	>1000 hrs -40%	Absorbs solvent (>24 hr Mass + 20%)	>24 hrs -40%	Absorbs solvent (>24 hr Mass + 20%)	>24 hrs -30%	Absorbs solvent (>24 hr Mass + 20%)	>24 hrs -20%	Absorbs solvent (>100 hr Mass + 20%)	OK	Absorbs solvent (>100 hr Mass + 20%)	OK
	<b>Ethylene Glycol (Anti-freeze)</b>	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Cleaners	<b>Clorox Bleach (neat)</b>	OK	OK	OK	OK	OK	OK	OK	>500 hrs -20%	OK	>100 hrs -30%	OK	OK	OK	OK	>500 hrs -20%	
	<b>Clorox Bleach (10%)</b>	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
	<b>Dish Washer Detergent</b>	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
	<b>Formula 409</b>	OK	OK	OK	OK	OK	OK	Absorbs solvent (>100 hr Mass + 10%)	OK	Absorbs solvent (>24 hr Mass + 20%)	>24 hrs -30%	Absorbs solvent (>1000 hr Mass + 10%)	>1000 hrs 20%	OK	>50 hrs -40%	OK	OK
Hydrocarbons	<b>Kerosene</b>	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	Absorbs solvent (>100 hr Mass + 10%)	OK	OK	OK
	<b>Motor Oil</b>	OK	OK	>1000 hrs +10%	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
	<b>Paint Thinner</b>	OK	OK	>1000 hrs -10%	OK	OK	OK	OK	OK	OK	OK	OK	OK	Absorbs solvent (>100 hr Mass + 10%)	OK	OK	OK
	<b>Mineral Oil</b>	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
	<b>Gasoline</b>	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	Absorbs solvent (>100 hr Mass + 10%)	OK	OK	OK
Misc.	<b>Kodak Developing Solution</b>	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	>1000 hrs 5v0%	OK	>500 hrs +80%	OK	OK
	<b>Acetone</b>	Acetone destroys after 1 day	Acetone destroys after 1 day	Acetone destroys after 1 day	Acetone destroys after 1 day	Absorbs solvent (>100 hr + 20%)	>100 hr -40%	Absorbs solvent (>100 hr + 20%)	OK	Absorbs solvent (>24 hr Mass + 10%)	OK	OK	OK	Absorbs solvent (>100 hr Mass + 10%)	OK	OK	OK