




# Resistance list

The  marsoflex® B3 braid					
Reagent	Formula	Concentration [%]	Temperature [°C]	Time [Hours]	mod. PES [%]*
Phosphoric Acid		10	70	100	93
		10	100	100	91
		90	20	100	96
		90	70	100	93
		40	70	100	94
		40	100	100	90
<b>Bases</b>					
Sodium Hydroxide	NaOH	10	20	100	97
		10	70	20	66
		10	70	40	37
		10	70	60	32
		10	100	10	28
Calcium Hydroxide	Ca(OH) <sup>2</sup>	saturated	50	100	96
		saturated	50	1000	85
		saturated	50	10000	9
Cement Extract		-	20	10	99
			20	100	100
			20	1000	95
			20	10000	90
			50	1	100
			50	10	99
			50	100	97
			50	1000	79
	50	10000	6		
<b>Organic Solvents</b>					
Acetone	CH <sub>3</sub> COCH <sub>3</sub>	100	20	100	100
		100	20	1000	100
		100	20	10000	99
Benzene	C <sub>6</sub> H <sub>6</sub>	100	20	100	97
		100	70	100	95
Carbon Tetrachloride		100	20	100	96

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Reagent	Formula	Concentration [%]	Temperature [°C]	Time [Hours]	mod. PES [%]*
<b>Organic Solvents (continued)</b>					
Ether		100	20	100	98
Ethyl Acetate		100	20	100	98
Toluene	C <sub>6</sub> H <sub>6</sub> CH <sub>3</sub>	100	20	100	100
		100	20	1000	99
		100	20	10000	98
Methanol	CH <sub>6</sub> CH <sub>2</sub> OH	100	20	100	96
Perchloroethylene		100	20	100	95
Formaldehyde		37	20	100	96
Ethylene Glycol	HOCH <sub>2</sub> CH <sub>2</sub> OH	50	100	10	92
		50	100	100	79
Ammonia Solution	NH <sub>3</sub>	10	70	24	35

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Reagent	Formula	Concentration [%]	Temperature [°C]	Time [Hours]	mod. PES [%]*
<b>Salts</b>					
Sodium Carbonate	Na <sub>2</sub> CO <sub>3</sub>	1	50	100	96
		1	50	1000	95
		1	50	10000	80
Sodium Chloride	NaCl	1	50	100	100
		1	50	1000	97
		1	50	10000	95
Copper Sulfate	CuSO <sub>4</sub>	1	50	100	101
		1	50	1000	95
		1	50	10000	90
Zinc Chloride	ZnCl <sub>2</sub>	1	50	100	98
		1	50	1000	98
		1	50	10000	95
<b>Oils</b>					
Mineral Oil		100	20	100	100
		100	20	10000	100

\*Fibre Strength Retention (%)

