

Beständigkeitsliste

Die marsoflex[®] B3-Umflechtung

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


Bases

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) ²	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		


Organic Solvents

Acetone	Ch ³ CoCH ³	100	20	100	100
		100	20	1000	100
		100	20	10000	99
Benzene	C ₆ H ₆	100	20	100	97
		100	70	100	95
Carbon Tetrachloride		100	20	100	96

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Organic Solvents (continued)					
Ether		100	20	100	98
Ethyl Acetat		100	20	100	98
Toluene	C ₆ H ₆ CH ₃	100	20	100	100
		100	20	1000	99
		100	20	10000	98
Methanol	CH ₆ CH ₂ OH	100	20	100	96
Perchloroethylene		100	20	100	95
Formaldehyde		37	20	100	96
Ethylene Glycol	HOCH ₂ CH ₂ OH	50	100	10	92
		50	100	100	79
Ammonia Solution	NH ₃	10	70	24	35

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Salts					
Sodium Carbonate	Na ₂ CO ₃	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 ₄	1	50	100	101
		1	50	1000	95
		1	50	10000	90
Zinc Chloride	ZnCl ₂	1	50	100	98
		1	50	1000	98
		1	50	10000	95
Oils					
Mineral Oil		100	20	100	100
		100	20	10000	100

*Fibre Strength Retention (%)

