Tab. 3 γ^{∞} of the solvents in PDMS

T(K)		Solvents						
		Hexane	Heptane	Octane	A	B	E	W
373.2	$\overline{\gamma^{\infty}}$	20.44	21.97	22.93	35.55	48.42	59.68	73.36
	SD	0.06	0.42	0.25	1.02	0.03	2.09	0.91
383.2	$\overline{\gamma^{\infty}}$	15.77	17.53	18.57	33.16	42.26	45.34	59.56
	SD	0.35	0.25	0.15	0.27	0.77	2.32	1.04
393.2	$\overline{\gamma^{\infty}}$	13.23	14.52	15.62	28.59	32.77	38.12	48.48
	SD	0.15	0.32	0.21	0.50	1.21	0.80	1.07
403.2	$\overline{\gamma^{\infty}}$	11.01	12.40	13.67	21.92	25.98	31.37	39.10
	SD	0.23	0.21	0.45	0.29	0.72	0.23	0.50
413.2	$\overline{\gamma^{\infty}}$	9.74	10.71	12.10	18.36	22.68	23.08	31.53
	SD	0.08	0.21	0.25	0.19	1.41	0.68	0.50

$\overline{\gamma^{\infty}}$: Average value of three γ^{∞}

SD: Standard Deviation

Tab. 4 Group interaction parameters of
the original UNIFAC model and the original UNIFAC-ZM model

m	n				
	1	5	7	9	43
1.CH_2	0	986.5	1318	476.4	327
5.OH	156.4	0	353.5	84.00	202.7
7.H_2O	300.0	-229.1	0	-195.4	252.7
9.CH_3CO	26.76	164.5	472.5	0	-
43.SiO	110.2	84.85	110.2	-	0