

CONSTANTS:	A12	A21	$\alpha_{12}$	$\gamma_1^a$	$\gamma_2^a$	OBJECTIVE FUNCTION
MARGULES	.1776	-.0219		1.19	.98	.0705 G
WILSON	1675.0732	-1508.1875		1.15	1.02	.0847 G
NRTL	-683.5809	999.7511	.2724	1.18	1.00	.0785 G
UNIQUAC	670.2484	-728.3500		1.07	.86	.0870 G

Please take data corresponding to Margules

**T-X-Y Data**

EXPERIMENTAL DATA		
T DEG C	X1	Y1
113.67	.0811	.1758
109.10	.1834	.3427
107.35	.2242	.4458
105.23	.2883	.5115
102.78	.3736	.5928
101.61	.4287	.6370
100.19	.5135	.6949
97.41	.6899	.8211
96.67	.7173	.8398
95.27	.8084	.9042
93.86	.8792	.9457
93.75	.8983	.9554
92.92	.9385	.9747
92.69	.9521	.9803
92.42	.9816	.9923

Take the molar volume from NIST Database. If not available there, please contact the TA's (Sandra and Krishna).

All data taken from Dechema Chemistry Data Series.