

Erratum

Erratum to “Prediction of thermodynamic properties of polymeric liquids using a new equation of state”
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Unfortunately, Table 1 has been printed incorrectly. The correct form of Table 1 is given in the following.

Table 1

The intercept (*A*), slope (*B*), the square of the correlation coefficient (*R*²) of Eq. (1), and pressure range of the data for binary polymeric mixtures

<i>x</i> ₁	<i>T</i> (K)	<i>B</i> (L ⁴ mol ⁻⁴)	<i>A</i> (L ³ mol ⁻³)	<i>R</i> ²	Δ <i>P</i> (MPa)
PEG-200(1) + 1-octanol(2) ^a					
0.0	298.15	0.103319	-0.65545	0.999915	0.1–30
	318.15	0.092212	-0.57583	0.999484	
	328.15	0.089367	-0.55341	0.999575	
0.1	298.15	0.116729	-0.7302	0.999847	0.1–30
	318.15	0.106696	-0.65705	0.999931	
	328.15	0.102047	-0.62327	0.99958	
0.2	298.15	0.133246	-0.8221	0.999836	0.1–30
	318.15	0.121847	-0.7403	0.999944	
	328.15	0.117228	-0.70633	0.999542	
0.3	298.15	0.153139	-0.93241	0.99984	0.1–30
	318.15	0.140036	-0.83985	0.999779	
	328.15	0.13431	-0.79883	0.999902	
0.4	298.15	0.172868	-1.03944	0.999901	0.1–30
	318.15	0.15896	-0.94173	0.999847	
	328.15	0.152843	-0.89812	0.999909	
0.5	298.15	0.195222	-1.15941	0.999479	0.1–30
	318.15	0.181466	-1.06208	0.999776	
	328.15	0.172877	-1.00373	0.997382	
0.6	298.15	0.225341	-1.32248	0.999747	0.1–30
	318.15	0.180772	-1.04513	0.980608	
	328.15	0.197542	-1.13376	0.999588	
0.7	298.15	0.252209	-1.46299	0.999415	0.1–30
	318.15	0.235877	-1.34883	0.99992	
	328.15	0.223743	-1.26971	0.999568	
338.15	0.215978	-1.21692	0.99957		

Table 1 (continued)

<i>x</i> ₁	<i>T</i> (K)	<i>B</i> (L ⁴ mol ⁻⁴)	<i>A</i> (L ³ mol ⁻³)	<i>R</i> ²	Δ <i>P</i> (MPa)
0.8	298.15	0.289595	-1.66072	0.999707	0.1–30
	318.15	0.266766	-1.50827	0.999884	
	328.15	0.255226	-1.43226	0.999834	
0.9	298.15	0.326245	-1.85064	0.999658	0.1–30
	318.15	0.307442	-1.71964	0.999905	
	328.15	0.289702	-1.60884	0.999723	
1.0	298.15	0.370921	-2.08283	0.999715	0.1–30
	318.15	0.337466	-1.86874	0.999873	
	328.15	0.326342	-1.79448	0.999754	
338.15	0.315133	-1.72061	0.999373		
PEGME-350(1) + PEG-200(2) ^b					
0.1	298.15	0.531654	-2.76226	0.999591	0.1–30
	318.15	0.483876	-2.4792	0.999582	
	328.15	0.464018	-2.36024	0.999574	
0.2	298.15	0.739655	-3.57561	0.999791	0.1–30
	318.15	0.676215	-3.22216	0.999924	
	328.15	0.653248	-3.09029	0.999768	
0.3	298.15	1.03531	-4.67907	0.999777	0.1–30
	318.15	0.9264	-4.12628	0.99966	
	328.15	0.904895	-4.00124	0.999706	
0.4	298.15	1.38958	-5.89619	0.999394	0.1–30
	318.15	1.263	-5.28112	0.99984	
	328.15	1.21848	-5.05598	0.999604	
0.5	298.15	1.84376	-7.37224	0.999585	0.1–30
	318.15	1.66191	-6.54555	0.999436	
	328.15	1.60384	-6.26942	0.999907	
0.58	298.15	2.26979	-8.67483	0.999251	0.1–30
	318.15	2.07581	-7.81496	0.999468	
	328.15	1.98068	-7.40067	0.999703	
0.7	298.15	3.07375	-11.0185	0.999466	0.1–30
	318.15	2.78706	-9.8399	0.999709	
	328.15	2.68972	-9.42265	0.999713	
338.15	2.59954	-9.03732	0.999136		

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