Temperature and Pressure Dependence of the Viscosity of the Ionic Liquid 1-Butyl-3-methylimidazolium Tetrafluoroborate: Viscosity and Density Relationships in Ionic Liquids. Kenneth R. Harris,* Mitsuhiro Kanakubo, and Lawrence A. Woolf, *J. Chem. Eng. Data* **2007,** *52,* 2425–2430.

Page 2428. There was an error in the spreadsheet used to construct Table 4. The high-pressure densities at 50 °C should be multiplied by the factor (V(0.1 MPa, 25 °C)/V(0.1 MPa, 50 °C)) = 188.127/190.930 = 0.985319. This produces only a very small change to the viscosities, ≤+0.35 %. Revised values for the 50 °C isotherm are tabulated below. No change is required for the coefficients for eqs 7 to 9 (Table 6).

Table 4. Viscosity η of [BMIM]BF_4 (Sample BB2) at θ = 50 °C and p = (0.1 to 250) MPa

θ / °C	t / s	p / MPa	V / cm^3·mol^{-1}	ρ / g·cm^{-3}	η / mPa·s	Re
50.00	105.4	0.1	190.930	1.18379	35.6	2.18
50.00	106.4	0.1	190.930	1.18379	36.0	2.14
50.00	116.4	10.5	190.052	1.18926	39.3	1.80
50.00	132.0	25.4	188.855	1.19680	44.5	1.41
50.00	164.6	50.5	187.012	1.20859	55.5	0.92
50.00	202.6	75.6	185.345	1.21946	68.1	0.61
50.00	248.1	100.6	183.834	1.22948	83.3	0.41
50.00	302.9	125.5	182.457	1.23876	101.5	0.28
50.00	368.1	150.4	181.200	1.24736	123.2	0.19
50.00	446.4	175.5	180.036	1.25542	149.2	0.13
50.00	539.4	200.3	178.970	1.26290	180.1	0.09
50.00	650.4	225.3	177.978	1.26994	216.9	0.06
50.00	783.0	250.1	177.064	1.27650	260.9	0.04

JE800236D

10.1021/je800236d
Published on Web 04/17/2008

Vapor Pressures of Propylene Carbonate and *N*,*N*-Dimethylacetamide. Karamat Nasirzadeh, Roland Neueder, and Werner Kunz,* *J. Chem. Eng. Data* **2005,** *50,* 26–28.

Page 27. Coefficients of Table 4 were determined in the above paper by fit to the equation $\ln(p_r) = T_r(a\tau + b\tau^{1.5} + c\tau^{2.5} + d\tau^5)$, instead of eq 2. The correct coefficients of eq 2 are given in the new Table 4.

Table 4. Constants of the Wagner Equation $\ln(p_r) = (1/T_r)(a\tau + b\tau^{1.5} + c\tau^{2.5} + d\tau^5)$

compound	temperature range / K	a	b	c	d	δ_{rms}[a] / kPa
PC	318–473[b]	9.922	−43.346	41.983	−34.173	0.021
DMA	298–423	−9.176	5.679	−7.973	2.489	0.014

[a] $\delta_{rms}[\Sigma(p - p_{calc})^2/n]^{0.5}$, where n is the number of experimental points. [b] Temperatures ≤313.15 K not included in final fitting.

JE800181P

10.1021/je800181p
Published on Web 04/01/2008