ADDITIONS AND CORRECTIONS

1998, Volume 102B

G. E. Folkmann, K. M. Eriksen, R. Fehrmann,* M. Gaune-Escard, G. Hatem, O. B. Lapina, and V. Terskikh: Conductivity, NMR Measurements, and Phase Diagram of the $K_2SO_7-V_2O_5$ System

Page 27. The correct Table 2 is as follows:

TABLE 2. Coefficients for Emperical Equations[a] for the Specific Conductivity for Different Composition, $X_{V_2O_5}$, of the Molten $K_2S_2O_7-V_2O_5$ System[b]

$X_{V_2O_5}$ mole fracn	$A(X)$, Ω^{-1} cm^{-1}	$10^3B(X)$, Ω^{-1} cm^{-1} deg^{-1}	$10^6C(X)$, Ω^{-1} cm^{-1} deg^{-2}	$10^8D(X)$, Ω^{-1} cm^{-1} deg^{-3}	SD, Ω^{-1} cm^{-1}
0.0000	0.2942	2.1161	1.0445	−6.7150	0.00070
0.0307	0.2903	2.0403	0.4254	4.4838	0.00106
0.0615	0.2679	2.1456	−1.4191	−12.7073	0.00136
0.0803	0.2548	1.9717	2.9939	−0.4442	0.00316
0.1030	0.2411	1.8875	1.0680	−2.0411	0.00056
0.1254	0.2212	1.7678	0.7006	−1.3644	0.00058
0.1500	0.2130	2.0212	5.3292	0.4639	0.00048
0.1738	0.1892	1.7647	2.3879	−1.2016	0.00102
0.2001	0.1795	1.7252	3.7472	−0.0065	0.00071
0.2647	0.1348	1.4666	1.6162	−1.6665	0.00204
0.3000	0.1068	1.3205	5.6227	2.6802	0.00186
0.3704	0.0795	1.1915	4.7068	0.0657	0.00077
0.3852	0.0710	0.9672	−1.0620	−4.7959	0.00102

[a] $\kappa = A(X) + B(X)(t - 450) + C(X)(t - 450)^2 + D(X)(t - 450)^3$. [b] For the measured temperature ranges consult Table 1 and Figures 1 and 2.

10.1021/jp983760t
Published on Web 11/19/98

1998, Volume 102B

Marek Sierka, Uwe Eichler, Jerzy Datka, and Joachim Sauer*: Heterogeneity of Brønsted Acidic Sites in Faujasite Type Zeolites due to Aluminum Content and Framework Structure

Page 6401. During the printing process, an incorrect value was introduced in Table 3. In column 10, the value directly under the heading 4T-2Al should be 23.0, not 3.0. The correct version of Table 3 is given below.

TABLE 3: Deprotonation Energies, ΔE_{DP} (kJ/mol), OH Vibrational Frequencies, ν_{OH} (cm^{-1}) and ^{1}H NMR Chemical Shifts, $^1\delta_H$ (ppm), of O_1H Groups for Different Clusters nT-mAl and Different Si/Al Ratios

		HF, for given Si/Al of lattice				DFT, for given Si/Al of lattice					
		4T-1Al		4T-2Al		4T-1Al	14T-1Al	4T-1Al	4T-2Al	14T-2Al	4T-2Al
		47.0[a]	3.0	23.0	3.0	47.0[a]	47.0	3.0	23.0	23.0	3.0
ΔE_{DP}	QM/QM-Pot.	1348	1329	1371	1378	1319	1290	1299	1341	1301	1345
	LR//QM-Pot.	−98	−87	−104	−112	−121	−94	−103	−126	−89	−121
	QM-Pot//QM-Pot.	1250	1242	1267	1266	1198	1196	1196	1215	1212	1224
	final $\Delta E^C_{DP} + \Delta NME$[b]	1169	1161	1186	1185	1163	1161	1161	1180	1177	1189
ν_{OH}	QM//QM-Pot.	3596	3621	3605	3604	3623		3634	3625		3637
$^1\delta_H$	QM//QM-Pot.	4.3	3.8	3.9	3.9	4.2		3.8	4.0		3.8

[a] ΔE_{DP} and ν_{OH} data from refs 24 (HF result) and 34 (DFT result). [b] Nuclear motion energy. Zero point energy makes the dominant contribution.

10.1021/jp983843+
Published on Web 10/27/98