

Anexo

Tabla A1. Propiedades termofísicas experimentales del líquido iónico [epy][CF3SO3] a presión atmosférica en función de la temperatura.

T / K	$\rho / \text{g}\cdot\text{cm}^{-3}$	$u / \text{m}\cdot\text{s}^{-1}$	$\kappa_S / \text{TPa}^{-1}$	n_D	$\sigma / \text{mN}\cdot\text{m}^{-1}$	$C_p / \text{J}\cdot\text{mol}\cdot\text{K}^{-1}$	$\kappa / \text{mS}\cdot\text{cm}^{-1}$	$v / \text{mm}\cdot\text{s}^{-1}$	$\eta / \text{mPa}\cdot\text{s}$	$\Lambda / \text{S}\cdot\text{cm}^2\cdot\text{mol}^{-1}$
293.15	1.409153	1500.83	315.05	1.460392	42.48	348.4	4.07	68.892	97.080	0,743
295.65	1.407089	1495.00	317.98	1.459692	42.36	350.2	4.56	61.351	86.326	0,834
298.15	1.405025	1489.19	320.93	1.458980	42.26	351.8	5.02	54.721	76.884	0,919
300.65	1.402964	1483.41	323.92	1.458300	42.15	353.6	5.56	49.478	69.416	1,019
303.15	1.400904	1477.65	326.93	1.457594	42.08	355.3	6.13	44.504	62.346	1,126
305.65	1.398846	1471.91	329.96	1.456892	42.02	357.1	6.76	40.158	56.175	1,243
308.15	1.396790	1466.22	333.02	1.456194	41.93	358.7	7.44	36.340	50.759	1,370
310.65	1.394738	1460.56	336.10	1.455502	41.83	360.5	8.08	33.021	46.055	1,490
313.15	1.392690	1454.90	339.22	1.454863	41.71	362.1	8.72	30.076	41.886	1,611
315.65	1.390646	1449.28	342.36	1.454156	41.65	363.9	9.53	27.456	38.182	1,763
318.15	1.388603	1443.68	345.53	1.453471	41.55	365.4	10.25	25.193	34.982	1,899
320.65	1.386564	1438.10	348.72	1.452778	41.43	367.0	11.26	23.127	32.067	2,089
323.15	1.384529	1432.55	351.95	1.452081	41.31	368.7	12.10	21.341	29.548	2,248
325.65	1.382498	1427.43	355.00	1.451319	41.22	370.3	13.03	19.579	27.068	2,424
328.15	1.380470	1421.51	358.49	1.450626	41.16	371.8	13.91	18.169	25.082	2,592
330.65	1.378445	1416.06	361.78	1.449947	41.07	373.5	14.69	16.864	23.246	2,741
333.15	1.376423	1410.62	365.11	1.449266	40.95	375.2	15.90	15.692	21.599	2,971
335.65	1.374405	1405.19	368.48	1.448594	40.88	376.9	16.75	14.633	20.111	3,135
338.15	1.372403	1399.88	371.82	1.447894	40.76	378.6	17.84	13.640	18.719	3,344