

Density, viscosity and electrical conductivity of alkanolammonium ionic liquids

André Pinkert, Keng L. Ang, Kenneth N. Marsh*, and Shusheng Pang

ELECTRONIC SUPPLEMENTARY INFORMATION

**Table 1 Decomposition temperatures of alkanolammonium ILs¹
at a fractional mass loss of 0.1 at two different heating rates
 $\dot{T}_{1K} = 1 \text{ K}\cdot\text{min}^{-1}$ and $\dot{T}_{10K} = 10 \text{ K}\cdot\text{min}^{-1}$**

	[DAA] $t_{1K}/^{\circ}\text{C}, t_{10K}/^{\circ}\text{C}$	[HEA] $t_{1K}/^{\circ}\text{C}, t_{10K}/^{\circ}\text{C}$	[HPA] $t_{1K}/^{\circ}\text{C}, t_{10K}/^{\circ}\text{C}$	[DEA] $t_{1K}/^{\circ}\text{C}, t_{10K}/^{\circ}\text{C}$	[TEA] $t_{1K}/^{\circ}\text{C}, t_{10K}/^{\circ}\text{C}$
Fmt	50, 90	63, 111	100, 151	120, 158	110, 154
Ac	38, 62	95, 132	100, 142	106, 144	84, 119
Mal	61, 98	108, 136	108, 141	97, 142	106, 136

References

- ¹ A. Pinkert, K. N. Marsh and S. Pang, *Ind. Eng. Chem. Res.*, 2010, DOI: 10.1021/ie101250v.

Department of Chemical and Process Engineering, University of Canterbury, Christchurch, New Zealand. Fax: +64 3364 2063. Tel: +1 480 802 8911. E-mail: ken@kbmarsh.com.