

Diffusion coefficient of cyclohexane in ethanol at infinite dilution

3 Diffusion in Liquid Mixtures

3.1. Data

3.1.2. Diffusion in Binary Mixtures at Infinite Dilution

C_6H_{12}	(1)	cyclohexane	110-82-7
C_2H_6O	(2)	ethanol	64-17-5
Diffusion Coefficient at infinite dilution: $p = 101.325$ kPa; Method: TAYLOR			Ref.: [1996T6]
T [K]	Type	$D \cdot 10^9$ [m ² /s]	
298.2 ± 0.02	$D^0_{1(2)}$	1.53 ± 0.01	

Symbols and Abbreviations

Short Form	Full Form
D	diffusion coefficient
p	pressure
T	temperature
TAYLOR	Taylor dispersion technique

References

[1996T6] Tominaga, T., Tenma, S., Watanabe, H.: J. Chem. Soc., Faraday Trans. **92** (1996) 1863–1867.