

Diffusion coefficient of 1,4-dichloro-benzene in ethanol at infinite dilution

3 Diffusion in Liquid Mixtures

3.1. Data

3.1.2. Diffusion in Binary Mixtures at Infinite Dilution

C ₆ H ₄ Cl ₂	(1)	1,4-dichloro-benzene	106-46-7
C ₂ H ₆ O	(2)	ethanol	64-17-5
Diffusion Coefficient at infinite dilution: $p = 101.325$ kPa; Method: TAYLOR			Ref.: [1984C6]
T [K]	Type	$D \cdot 10^9$ [m ² /s]	
298.15 ± 0.02	$D^0_{1(2)}$	1.54 ± 0.02	

Symbols and Abbreviations

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

References

[1984C6] Chan, T. C.: J. Chem. Phys. **80** (1984) 5862–5864.