

Diffusion coefficient of 3,6,9,12,15-pentaoxa-heptadecan-1-ol in water at infinite dilution

3 Diffusion in Liquid Mixtures

3.1. Data

3.1.2. Diffusion in Binary Mixtures at Infinite Dilution

C ₁₂ H ₂₆ O ₆	(1)	3,6,9,12,15-pentaoxa-heptadecan-1-ol	4353-29-1
H ₂ O	(2)	water	7732-18-5
Diffusion Coefficient at infinite dilution: $p = 101.325$ kPa; Method: TAYLOR			Ref.: [2000O1]
T [K]	Type	$D \cdot 10^9$ [m ² /s]	
298.15	$D_{1(2)}^0$	0.584	

Symbols and Abbreviations

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

References

[2000O1] Ortona, O., D'Errico, G., Ciccarelli, D., Vitagliano, V.: Phys. Chem. Chem. Phys. **2** (2000) 1961–1965.