Diffusion coefficient of pentane in hexane at infinite dilution

3 Diffusion in Liquid Mixtures

3.1. Data

3.1.2. Diffusion in Binary Mixtures at Infinite Dilution

$C_5 H_{12}$	(1)	pentane	109-66-0
$C_6 H_{14}$	(2)	hexane	110-54-3
Diffusion Coefficient at infinite dilution: $p = 101.325$ kPa; Method: MZ-INT			Ref.: [1969B8]
T [K]	Type	$D \cdot 10^9$ [m^2/s]	
298.15	$D^0{}_{1(2)}$	$4.59 \pm 1\%$	
Comment: data of low reliability; a factor of $10-^5$ is missing in dimension of D			

Symbols and Abbreviations

Short Form	Full Form
D	diffusion coefficient
p	pressure
T	temperature
INT	interferometry

References

[1969B8] Bidlack, D. L., Kett, T. K., Kelly, C. M., Anderson, D. K.: J. Chem. Eng. Data **14** (1969) 342–343.

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