

Diffusion coefficients used from DESY

Element	D_0 [cm ² /s]	E_a [cal/mol]	Validity
O	1.5×10^{-2}	27600	150-1600C
N	9.8×10^{-2}	38600	200-1600C
C	1.0×10^{-2}	33920	130-2340C

Based on:

M. Hagen, Diplomathesis Wuppertal;

He took the data from

E. Fromm, E. Gebhardt "Gase und Kohlenstoff in Metallen",

Springer Verlag 1976