

Gas	M (g mol ⁻¹)	ρ (Kg m ⁻³)	S_u (K)	μ_r (10 ⁻⁶ N s m ⁻²)	ℓ_r (nm)	$d_{p,m}^*$ (nm)	Min. mass (10 ⁻² fg)	Max. mass (10 ⁻² fg)
CO ₂	44.010	1.842	220.5	14.673	43.2	53.3–1316.9	8.3	1.3
Air	28.966	1.205	110.4	18.203	66.5	47.5–1448.8	5.9	1.7
O ₂	32.000	1.331	116.8	20.229	69.1	51.8–1524.8	7.6	1.9
Ar	39.948	1.661	141.4	22.292	69.4	56.4–1608.3	9.9	2.3
H ₂	2.016	0.090	66.7	8.799	123	13.6–921.3	0.14	0.43
He	4.003	0.166	73.8	19.571	192	19.5–1365.0	0.41	1.4