- Systems: Al_{500} (1120 K), C_{512} (315.8 K), Al_{1372} (1120 K) and He_{2000} (2400 K).

- Exchange-correlation: PBE.

- Brillouin zone integration: Γ-point.

- Type of calculation: AIMD.

- Timestep: 1 fs (Al_{500}, Al_{1372}), 1.5 fs (C_{512}) and 0.2 fs (He_{2000}).

- Discretization: 0.66 Bohr (Al_{500}, Al_{1372}) and 0.3 Bohr (C_{512}, He_{2000}).

- Accuracy: $\sim 1 \times 10^{-3}$ Ha/Bohr in force.