**only diffusive** (same diffusion coefficient for all the species), should this said to be zero?

**Minerals not found:**

**cj4-glass**

iron

quartz\_alpha

sideritelt

**mineralh2\_45**

For the above five minerals, **cj4-glass** and **mineralh2\_45** contain component ‘o2(aq)’, how to add these two minerals?

**CJ4-Glass0.89bulk\_surface\_area1000.**

how to set **glass dissolution rate?**