

Figure 1: Y_2O_3 process temperature window overlaid with regions where the dominant reaction mechanism is different.

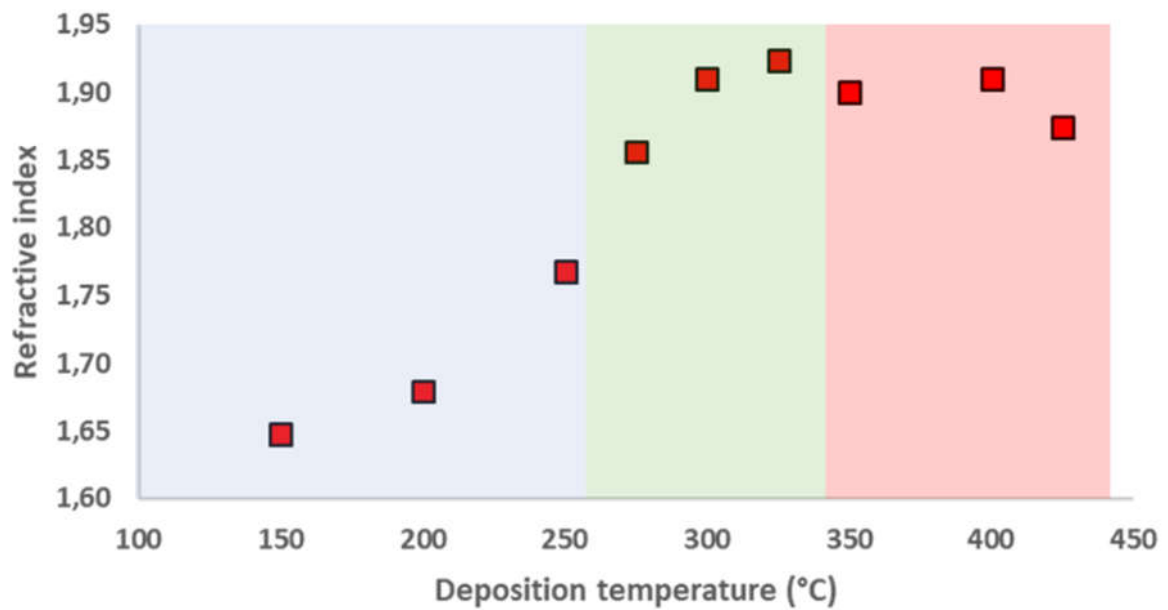


Figure 2: The dependence of the refractive index of Y_2O_3 at 633 nm on the deposition temperature.