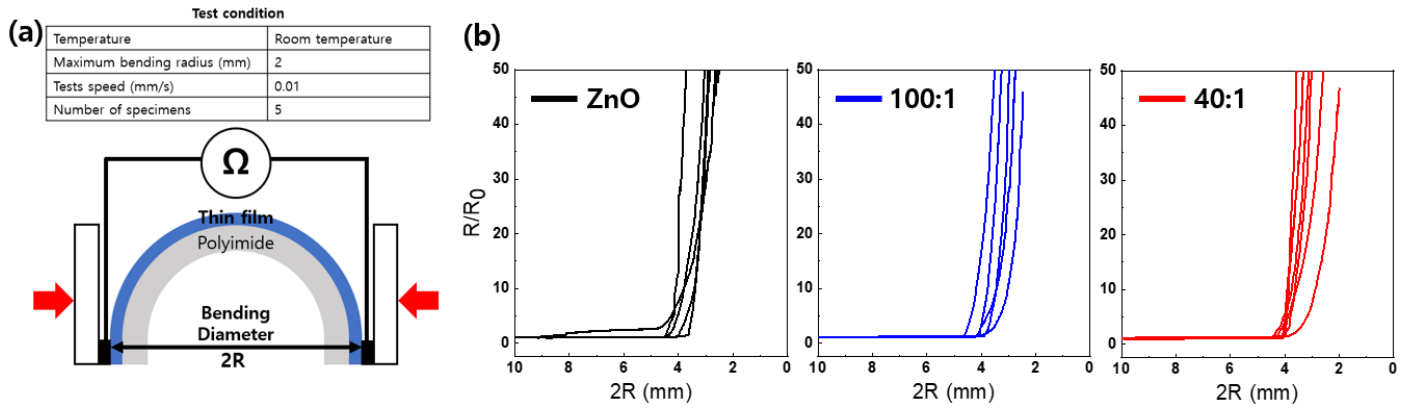
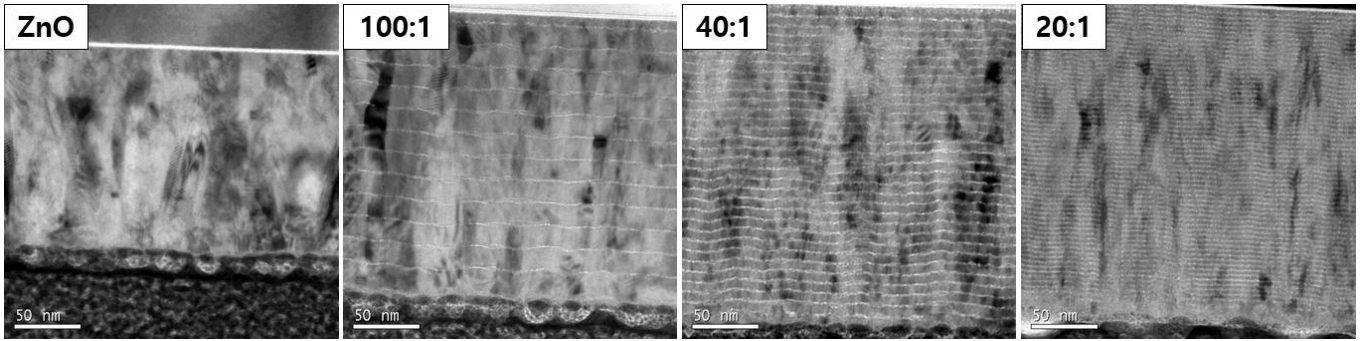


Supporting Information



Supporting 2 (a) Test conditions for thin film bending (b) Bending test results of ZnO-HQ thin films