

## Effects of oxygen gas on the physical properties of tin oxide nano films using laser light as ablation source

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### ABSTRACT

The high quality, high transparent conductive nano and micro tin oxide) films were deposited successfully using reactive pulsed laser deposition (RPLD) method. The optical results shows a high transparency reached to (87) % and it found to reduction sharply with the low laser fluency. The value of the optical band gab of the deposited films at the optimum preparation condition is about 3.35eV.