

Figure 1. A pristine metalcone film densifies upon O₂ plasma treatment into an oxide/metalcone bilayer

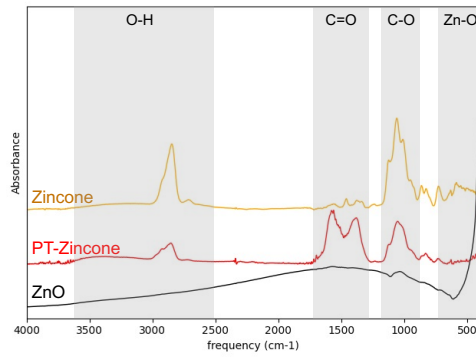


Figure 2. On FTIR, the C=O region increases in intensity and the C-O band decreases. The non-converted metalcone is partially oxidised as well.

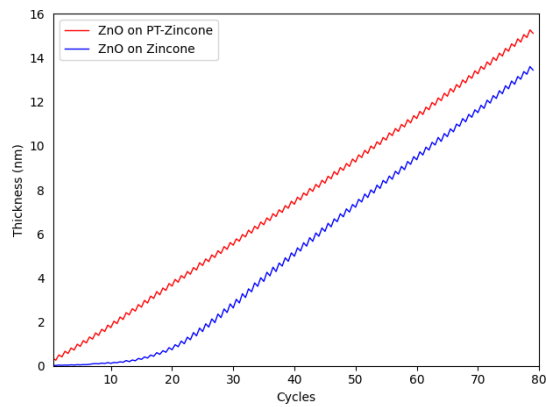


Figure 3. When growing an oxide on top of a pristine metalcone, a delay is always found. In comparison, immediate growth on plasma-treated metalcones occurs.