

## Supplemental data

The mesh aperture and opening porosity in Table 1 were calculated in the below equations;

$$Aperature(mm) = \left( \frac{25.4}{M} \right) - d \quad \dots\dots\dots(1)$$

$$Porosity(\%) = \frac{A}{(A + d)} \times 100 \quad \dots\dots\dots(2)$$

, where  $A$  is the mesh size (mm),  $M$  is the mesh number (wire number / inch), and  $d$  is the wire diameter. The specifications of the mesh substrate in this work are summarized in Table 1.

# Supplemental Figure

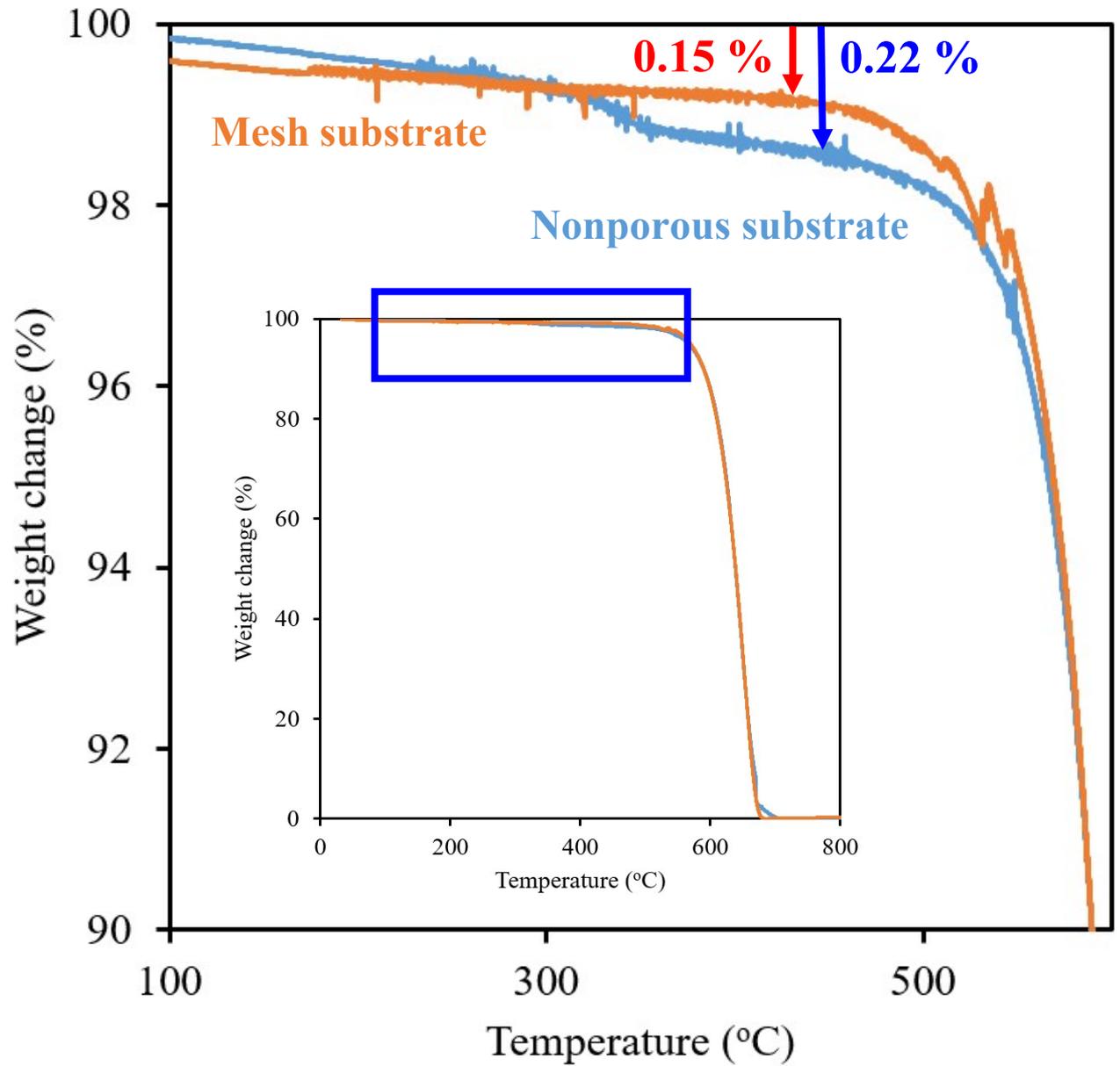


Figure S1 TGA curves of CNTs on mesh and nonporous flat substrate.