

Supplementary Materials

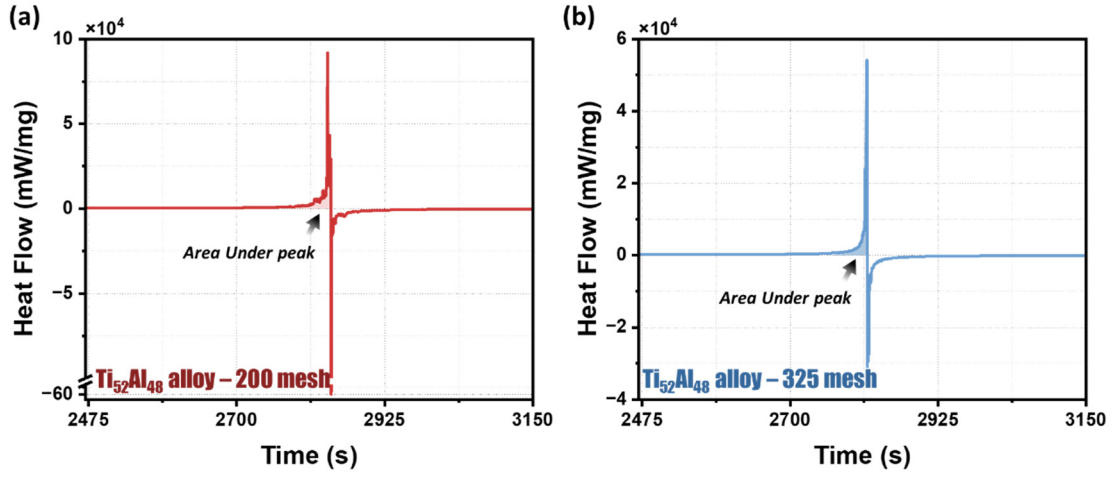


Figure S1. Heat flow vs time plots of $\text{Ti}_{52}\text{Al}_{48}$ alloys prepared using Ti powders of varying mesh sizes; (a) 200-mesh and (b) 325-mesh, under compacted and sintered (600 and 1200 °C) conditions.

Unit balance for Enthalpy, E

$$\text{Unit of area (E)} = (y - \text{axis}) \times (x - \text{axis}) = \frac{\text{mW}}{\text{mg}} \times s = \frac{\text{mJ/s}}{\text{mg}} \times s = \text{J/g}$$