Supporting Information

Enhanced hydrogen storage performance for MgH₂–NaAlH₄ system – The effects of stoichiometry and Nb₂O₅ nanoparticles on cycling behaviour

Rafi-ud-din, Qu Xuanhui, Li Ping, Lin Zhang, M. Zubair Iqbal, Mashkoor Ahmad

Fig. S1: TG profiles of MgH₂-NaAlH₄ composites (in mole ratios of 1:2, 1:1 and 2:1) at the ramping rate is 1 °C min⁻¹.
Fig. S2: The DSC profiles at various heating rates (4 °C/min, 7 °C/min and 10 °C/min) for Nb₂O₅-doped NaAlH₄.
Fig. S3: The DSC profiles for MgH$_2$-NaAlH$_4$ composites (in mole ratio of 1:2, 1:1 and 2:1) at heating rate of 1 °Cmin$^{-1}$. 