

Electronic Supplementary Material

A novel strategy for the construction of silk fibroin-SiO₂ composite aerogel with enhanced mechanical property and thermal insulation performance

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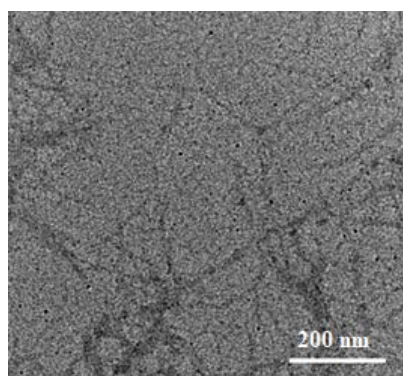


Fig. S1 TEM image of silk fibroin

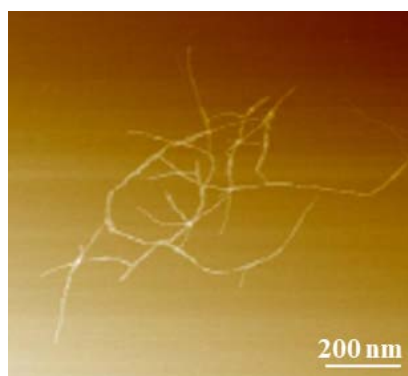


Fig. S2 AFM image of silk fibroin

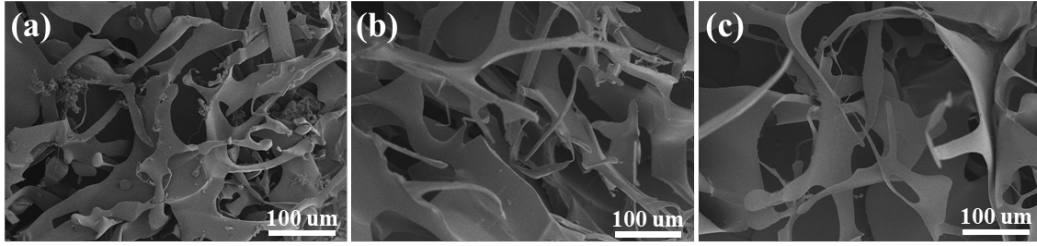


Fig. S3 SEM images of silk fibroin aerogels (a) SFA-1, (b) SFA-2, (c) SFA-3

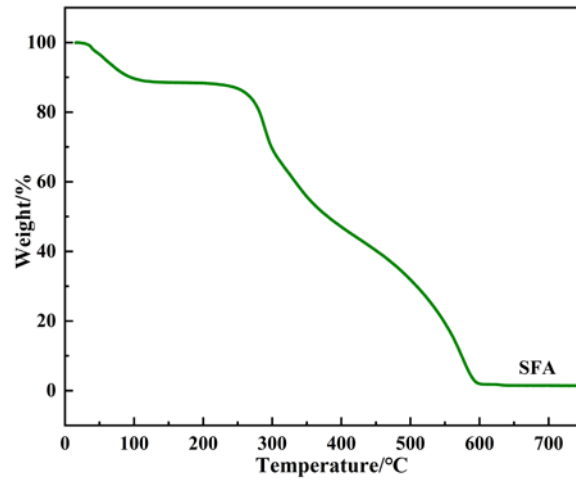


Fig. S4 TGA curve of SFA-2

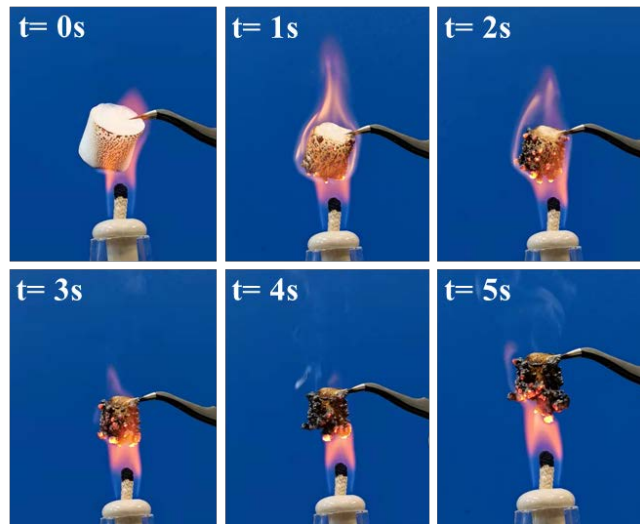


Fig. S5 Burning behavior of SFA-2 with time