

Supporting information

Zeolitic imidazolate framework-8 was coated with silica and as a flame retardant to improve the flame retardancy and smoke suppression of epoxy resin

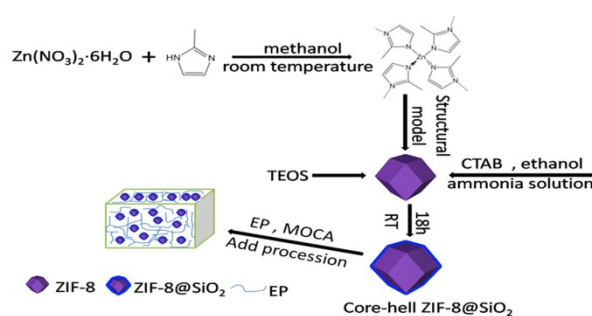
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The content of the supporting information:



Scheme S1. Illustration of synthesis of ZIF-8@SiO₂ and preparation of EP composites.

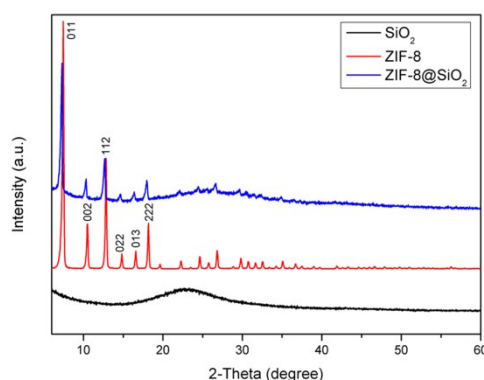


Figure S1. XRD patterns of SiO₂, ZIF-8 and ZIF-8@SiO₂.

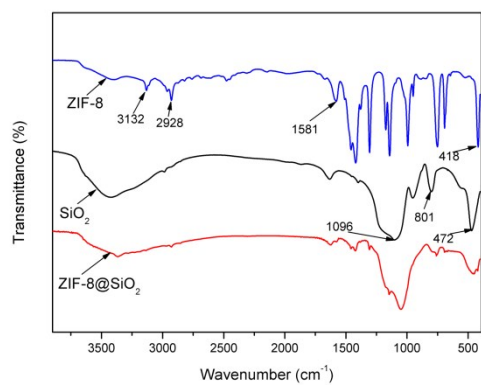


Figure S2. FTIR spectra of SiO₂, ZIF-8 and ZIF-8@SiO₂.

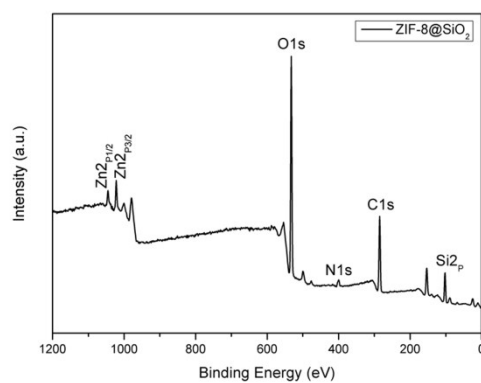


Figure S3. XPS spectrum of ZIF-8@SiO₂.

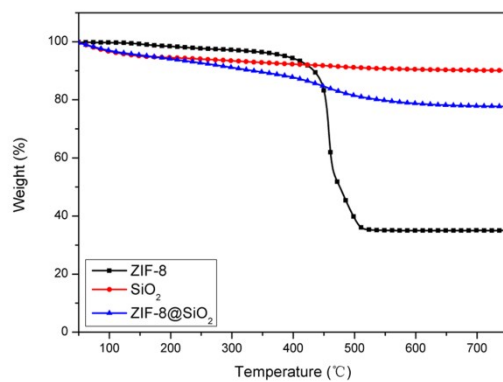


Figure S4. TG curves of SiO₂, ZIF-8 and ZIF-8@SiO₂.