

Supplementary Material: Effects of *in Situ* Formed Silver Nanoparticles on Electrical Properties of Epoxy Resin Filled with Silver Nanowire

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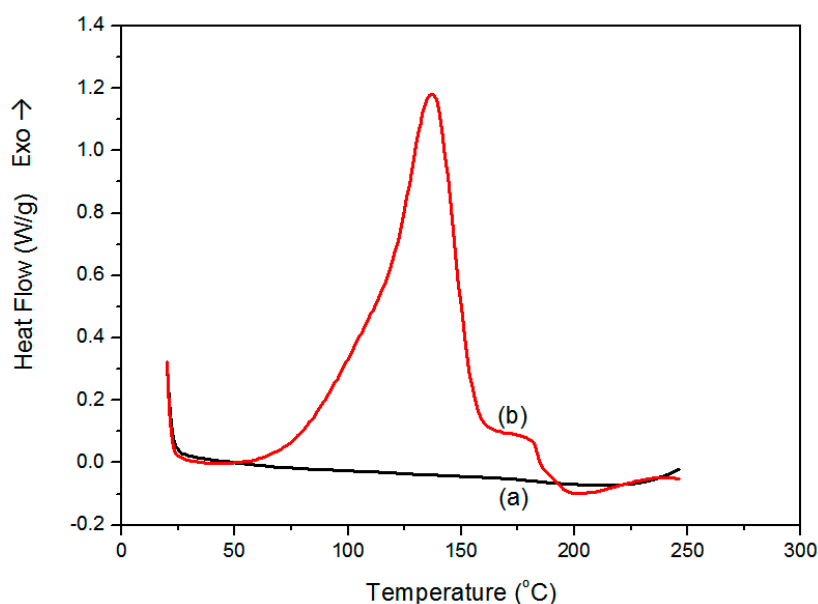


Figure S1. DSC thermograms obtained by scanning at heating rate of 10 °C/min in N₂ gas environment for the epoxy resins containing anhydride type curing agent: (a) without silver-imidazole complex; (b) with 10 wt % of the silver-imidazole complex. Exothermic heat of cure in (b) was 321.3 J/g.

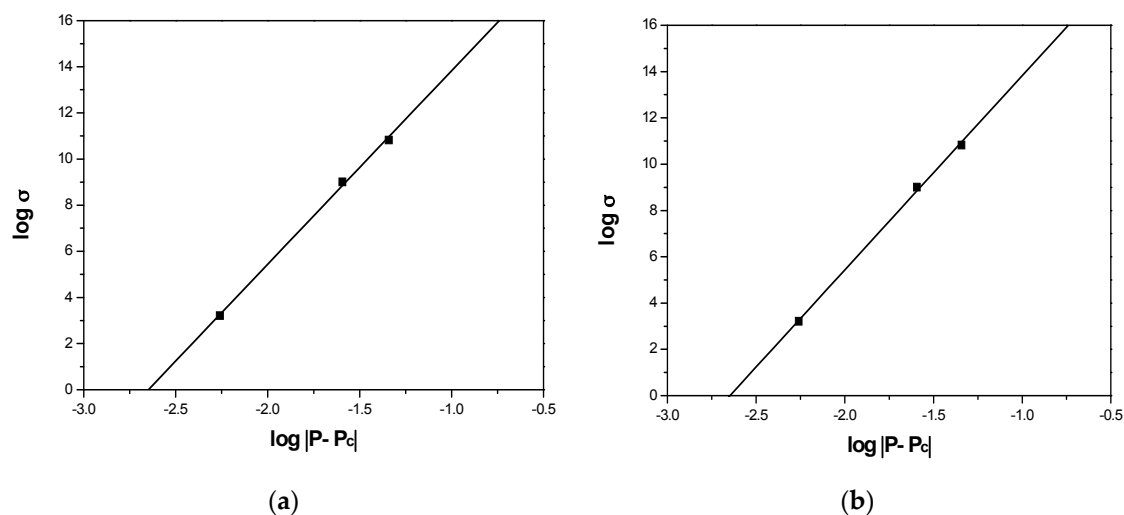


Figure S2. Cont.

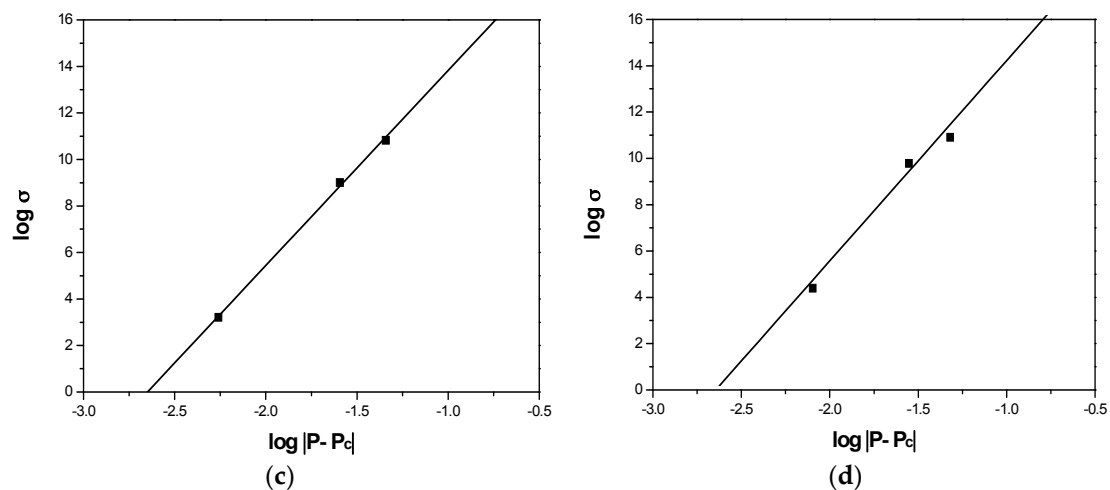


Figure S2. Fittings to the percolation model Equation (1) for surface electrical resistivity of the samples shown in Figure 4: (a) sample cured with imidazole in direction of the highest resistivity; (b) sample cured with imidazole in the direction perpendicular to that of (a); (c) sample cured with silver-imidazole complex in direction of the highest resistivity; (d) sample cured with silver-imidazole complex in the direction perpendicular to that of (c).



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