Electronic Supplementary Material (ESI) for RSC Advances. This journal is © The Royal Society of Chemistry 2015

Electronic Supplementary Information (ESI)

Ultra low dielectric, high performing hyperbranched epoxy thermosets: Synthesis, characterization and property evaluation

Bibekananda De and Niranjan Karak*

Advanced Polymer and Nanomaterial Laboratory, Center for Polymer Science and Technology, Department of Chemical Sciences, Tezpur University, Napaam-784028, Assam, India, Fax: 91-3712-267006, Tel: 91-3712-267009, Email: karakniranjan@gmail.com

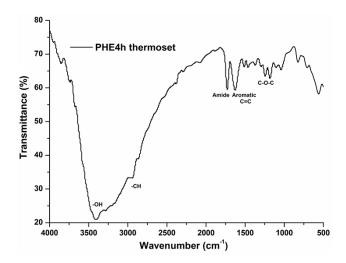


Fig. S1 FTIR spectrum of PHE4h thermoset.

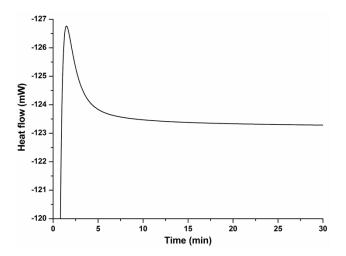


Fig. S2 DSC curing curve of PHE4h resin.

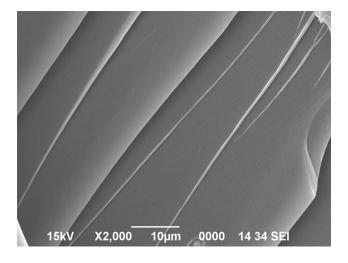


Fig. S3 SEM micrograph of the fracture surface of PHE4h thermoset.

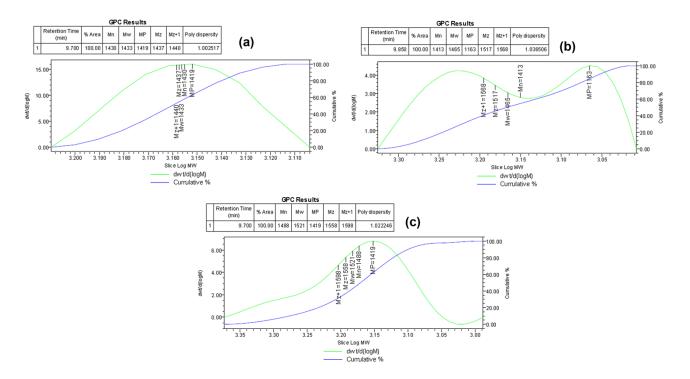


Fig. S4 GPC results and molecular weight distribution curves for PHE4h resin obtained after three times of analyses (a-c).