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Authors: N. Esmacili, A. Salimi, M.J. Zohuriaan-Mehr, M. Vafayan, W. Meyer



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Bio-based thermosetting epoxy foam: Tannic acid valorization toward dye-decontaminating and thermo-protecting applications

N. Esmaeili^{a,b,c}, A. Salimi^{* b}, M. J. Zohuriaan-Mehr^{b,c}, M. Vafayan^b, W. Meyer^{* a}

^a Department of Functional Polymer Systems, Fraunhofer Institute for Applied Polymer Research (IAP), Geiselbergstraße 68, 14476 Potsdam-Golm, Germany

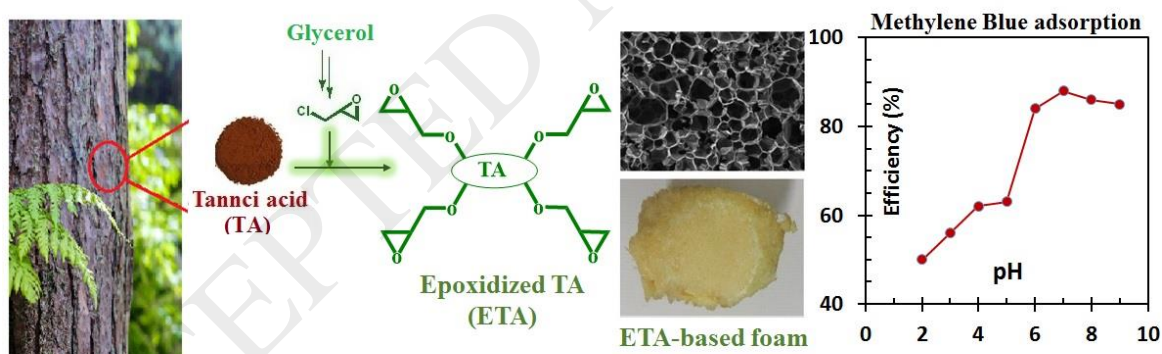
^b Adhesive and Resin Department, Polymer Processing Faculty, Iran Polymer and Petrochemical Institute (IPPI), PO Box 14965-115, Tehran, Iran

^c Bio-based Monomers & Polymers Division (BIOBASED Division), Iran Polymer and Petrochemical Institute (IPPI), PO Box 14965-115, Tehran, Iran

*Corresponding authors: **A. Salimi**, E-mail: a.salimi@ippi.ac.ir

W. Meyer, E-mail: wolfdietrich.meyer@iap.fraunhofer.de

Graphical abstract



Highlights

- A bio-based epoxy thermosetting foam was synthesized from tannic acid.
- Bio-based foam owns high char yield and low thermal conductivity.
- Bio-based foam owns high adsorption capacity of methylene blue.

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