

Corrosion Resistance and Thermal Conductivity Enhancement of Reduced Graphene Oxide-BaSO₄-Epoxy Composites

Tung-Yuan Yung¹, Wen-Fang Lu¹, Kun-Chao Tsai¹, Jeng-Shiung Chen², Kwan-Nang Pang³, Yu-Chih Tzeng⁴, Hsin-Ming Cheng^{5*}, Po-Tuan Chen^{6,*}

¹ Nuclear Fuels and Materials Division, Institute of Nuclear Energy Research, Taoyuan 325, Taiwan, R.O.C.; romeoyung@yahoo.com (T.-Y.Y.); wflu@iner.gov.tw (W.-F.L.); tsaijohn@iner.gov.tw (K.-C.T.)

² Yottadeft Optoelectronics Technology Co., Ltd., Taipei 10460, Taiwan R.O.C.; jsc@yottadeft.com

³ Institute of Earth Science, Academia Sinica, Taipei, 10591, Taiwan R.O.C.; knpang@earth.sinica.edu.tw

⁴ Department of Vehicle Power System Engineering, Chung Cheng Institute of Technology, National Defense University, Taoyuan 335, Taiwan R.O.C.; a0932467761@gmail.com

⁵ Department of Electronic Engineering and Organic Electronics Research Center, Ming Chi University of Technology, New Taipei City 243, Taiwan R.O.C.; SMCheng@mail.mcut.edu.tw

⁶ Department of Vehicle Engineering, National Taipei University of Technology, Taipei 106, Taiwan R.O.C.; r92222019@ntu.edu.tw

* Correspondence: SMCheng@mail.mcut.edu.tw (H.-M.C.); r92222019@ntu.edu.tw (P.-T.C.)

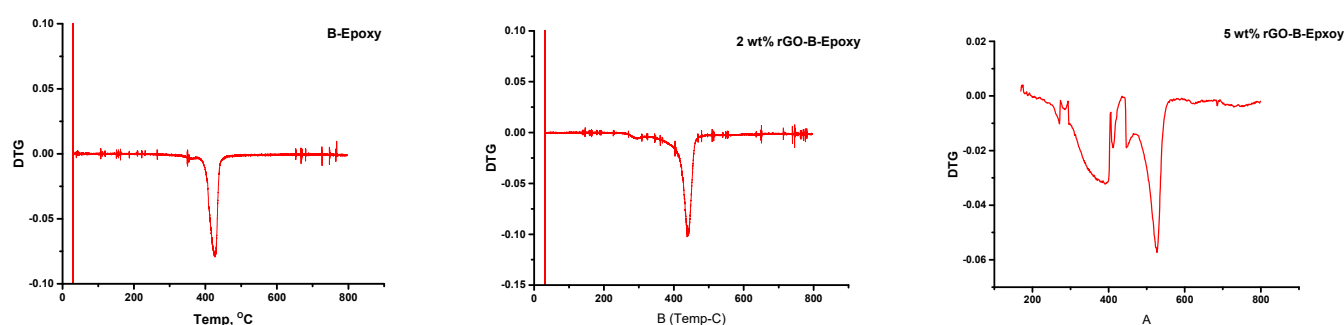


Figure S1. The differential thermal gravimetry (DTG) for B-Epoxy (left), 2wt% rGO-B-Epoxy (middle) and 5 wt% rGO-B-Epoxy (right)

Reference:

- [30] Zotti, A.; Zuppolini, S.; Borriello, A.; Zarrelli, M. Thermal and mechanical characterization of an aeronautical graded epoxy resin loaded with hybrid nanoparticles. *Nanomater.* **2020**, *10*, 1388.