

Article

Expanded Polystyrene Beads Coated with Intumescent Flame Retardant Material to Achieve Fire Safety Standards

Sangram P. Bhoite ^{1,†}, Jonghyuck Kim ^{2,†}, Wan Jo ², Pravin H. Bhoite ³, Sawanta S. Mali ¹, Kyu-Hwan Park ^{2,*} and Chang Kook Hong ^{1,*}

¹ School of Chemical Engineering, Chonnam National University, Gwangju 61186, Korea; sangrambhoite07@gmail.com (S.P.B.); sawantasolar@gmail.com (S.S.M.)

² HDC HYUNDAI EP R & D Center, Yongin-si, Gyeonggi-do 463811, Korea; kimjh1740@hdc-hyundaiep.com (J.K.); jowan@hdc-hyundaiep.com (W.J.)

³ Department of Chemistry, Kisan Veer Mahavidyalaya, Wai 412803, MS, India; bhoiteph@gmail.com

* Correspondence: kyu@hdc-hyundaiep.com (K.-H.P.); hongck@jnu.ac.kr (C.K.H.)

† These authors contributed equally to this work.

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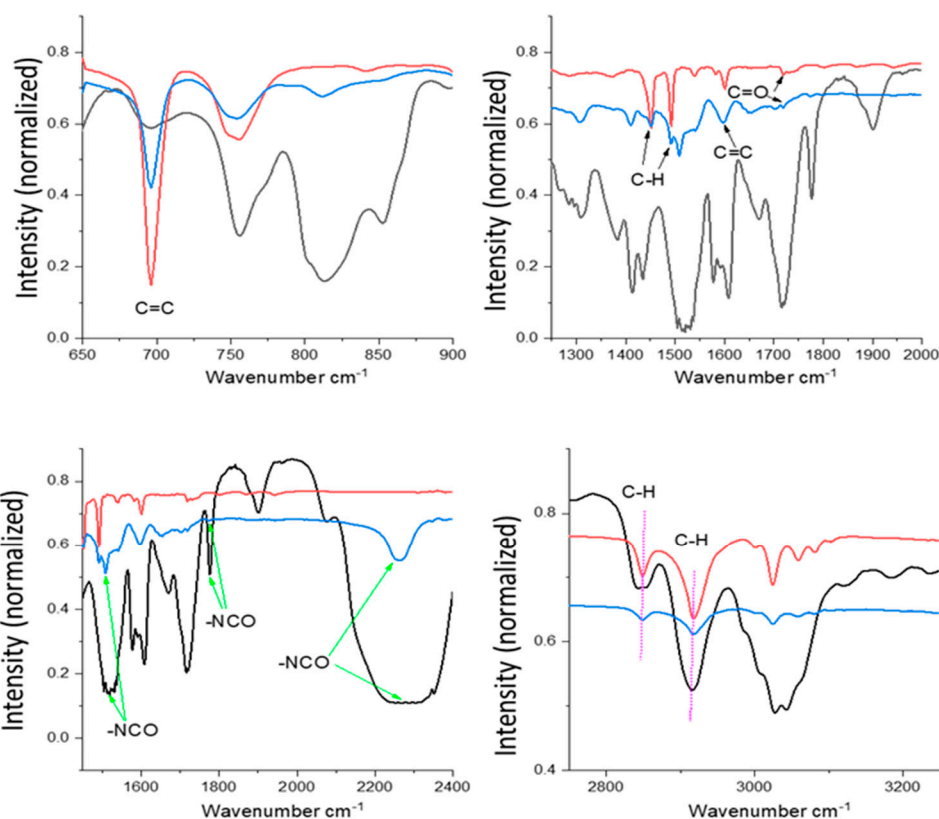


Figure S1. Detailed FTIR analysis of MDI, EPS and MDI coated EPS. Note: Colour codes are same for all graphs as per main text.

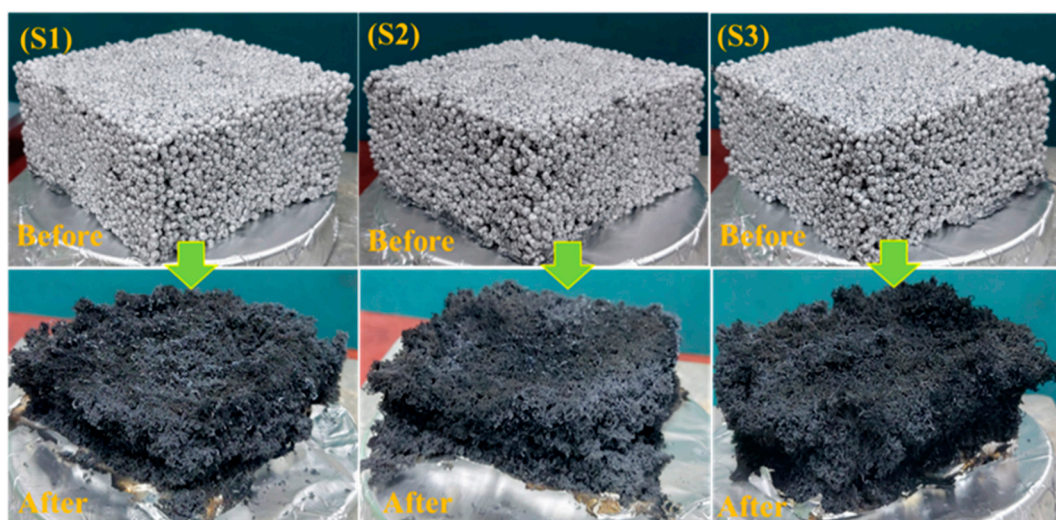


Figure S2. The digital photographs of the combustion phenomenon of (S1) EPS/IFR1 (S2) EPS/IFR2 and (S3) EPS/IFR3 (coating ratio 1:1.5).

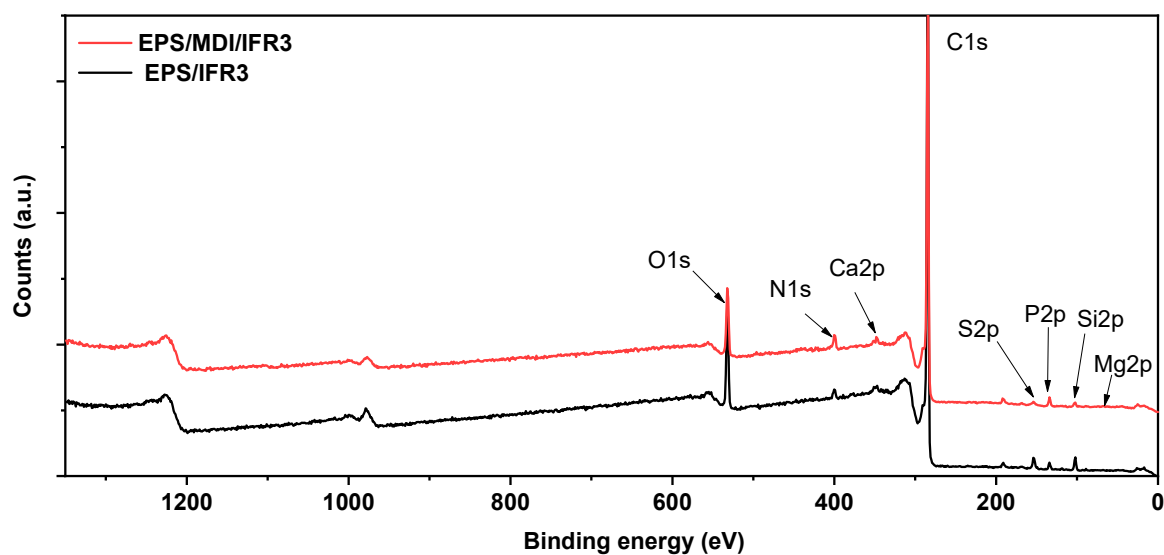


Figure S3. XPS survey spectra of char residues for EPS/IFR3 and EPS/MDI/IFR3 after cone calorimeter test.