

EVALUATION OF THE THERMAL BEHAVIOUR OF AGRICULTURAL WASTES FOR POSSIBLE USE IN THE BIOMASS PELLETS INDUSTRY

Alexandra Marcu ^a, Gabriela Lisa ^{a*}, Ioana-Emilia Sofran ^b, Ion Anghel ^b, Manuel Serban ^b

^aDepartment of Chemical Engineering, Faculty of Chemical Engineering and Environmental Protection "Cristofor Simionescu", Gheorghe Asachi Technical University of Iasi,
73, Prof. Dr. docent D. Mangeron blvd., Iasi RO-700050, Romania

^bFire Officers Faculty, Police Academy "Alexandru Ioan Cuza", 3, Morarilor str., Bucharest RO-022451, Romania
*e-mail: gapreot@yahoo.com, gapreot@ch.tuiasi.ro; phone: (+40 232) 27 86 83; fax: (+40 232) 27 13 11

Received: 04 May 2020/ Revised final: 02 June 2020/Accepted: 05 June 2020

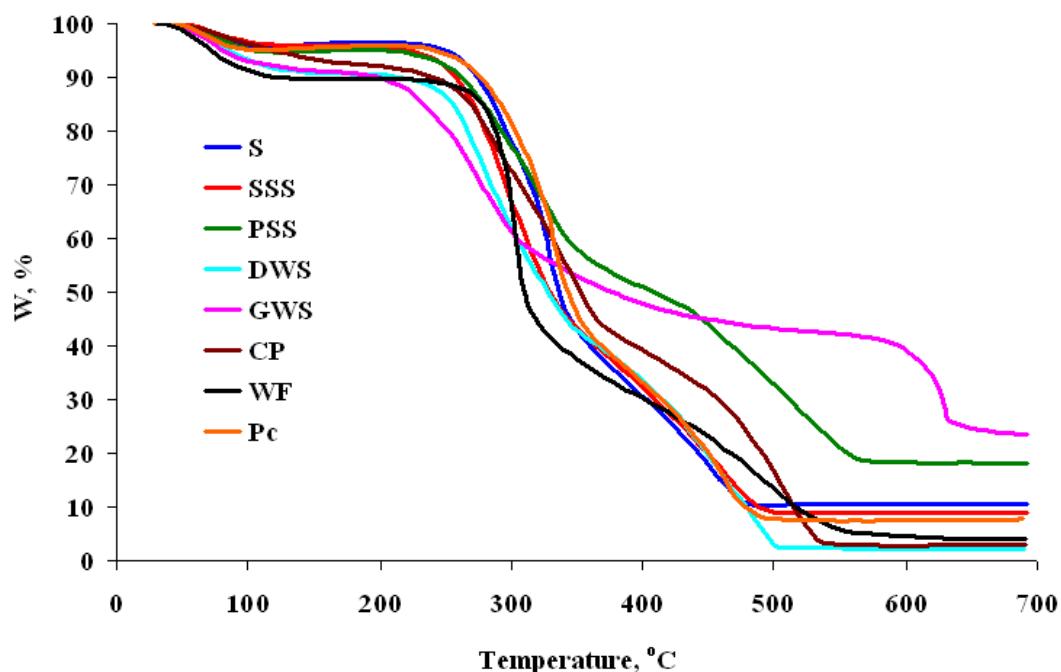


Figure 1S. TG curves of the analysed wastes.

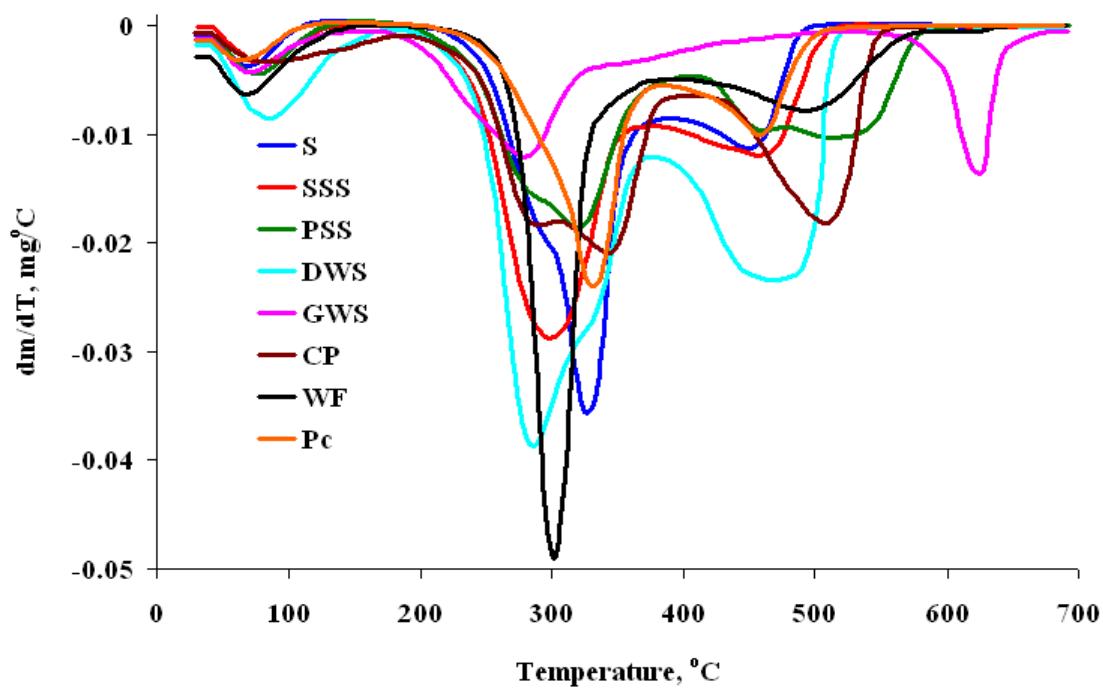


Figure 2S. DTG curves of the analysed wastes.

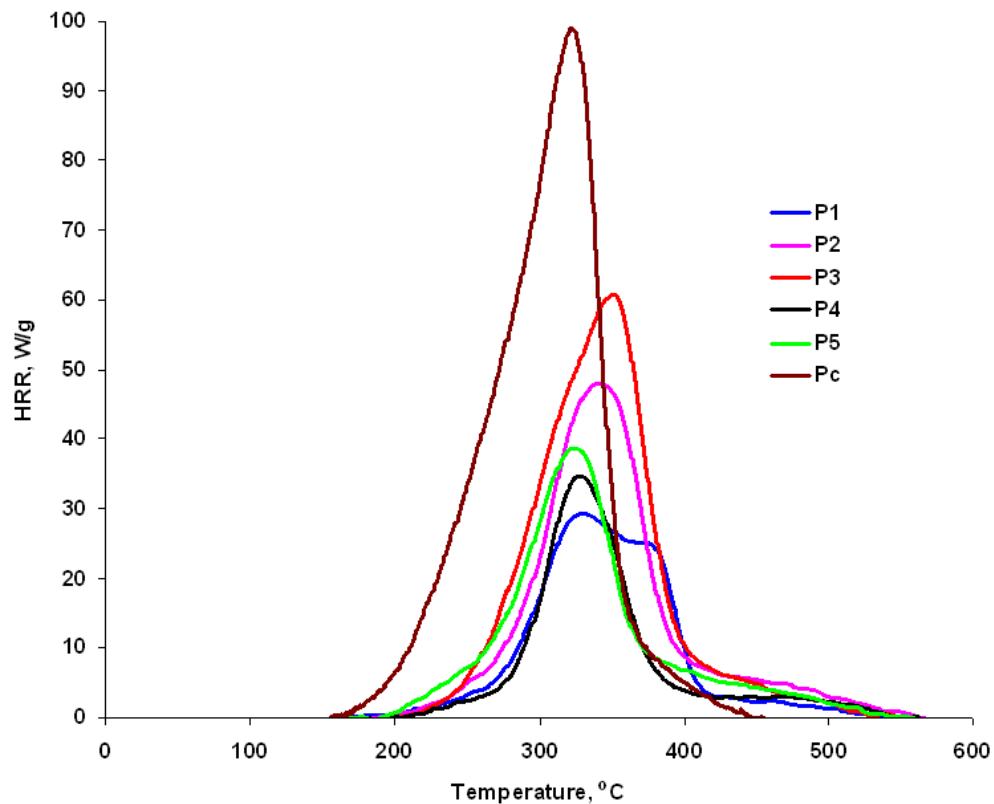


Figure 3S. Temperature - dependent HRR curve representation for the obtained pellets.