

Electronic Supplementary Information (ESI).

Table 1. List of acronyms used in the paper.

Acronyms	Significations
BO	1,2-Butylene Oxide
GT	Gambier Tannin
HOMO	Homopolymer of BO
MT	Mimosa Tannin
OBGT	Oxybutylated Gambier Tannin
OBMT	Oxybutylated Mimosa Tannin
OBPT	Oxybutylated Pin Tannin
OBQT	Oxybutylated Quebracho Tannin
OBT	Oxybutylated Tannin
PBO	Poly(Butylene) Oxide
PO	Propylene Oxide
PT	Pin Tannin
QT	Quebracho Tannin
T	Tannin

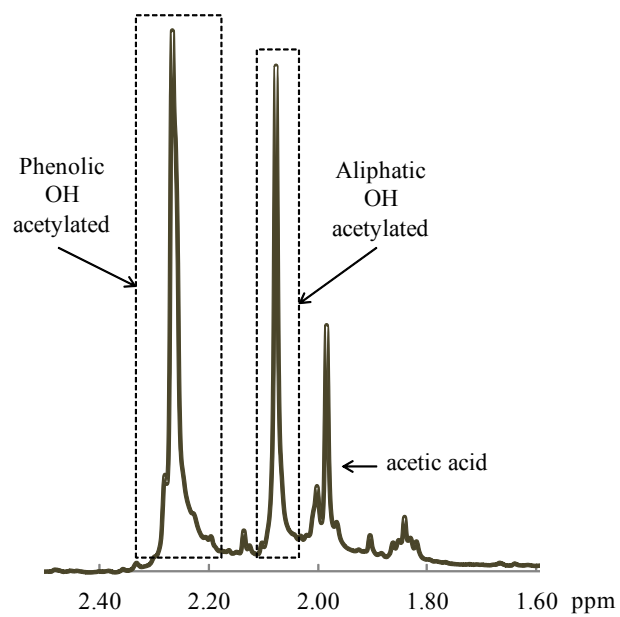


Fig. 1. Partial ^1H NMR spectra of acetylated GT.

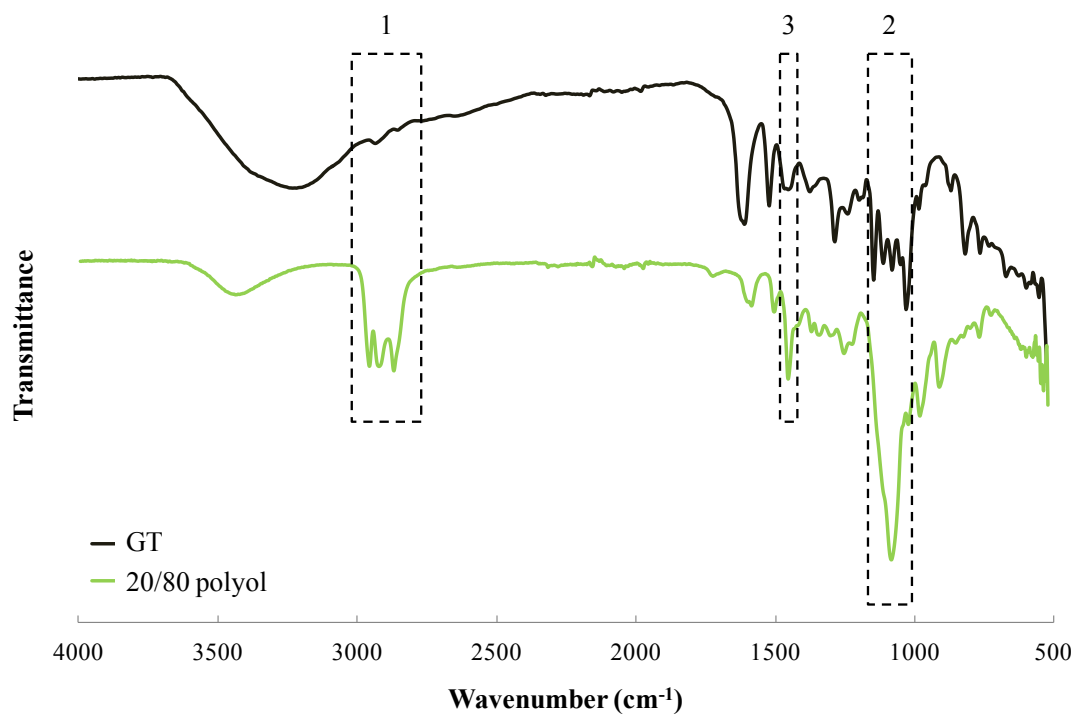


Fig. 2. FTIR spectra from GT and 20/80 OBGT

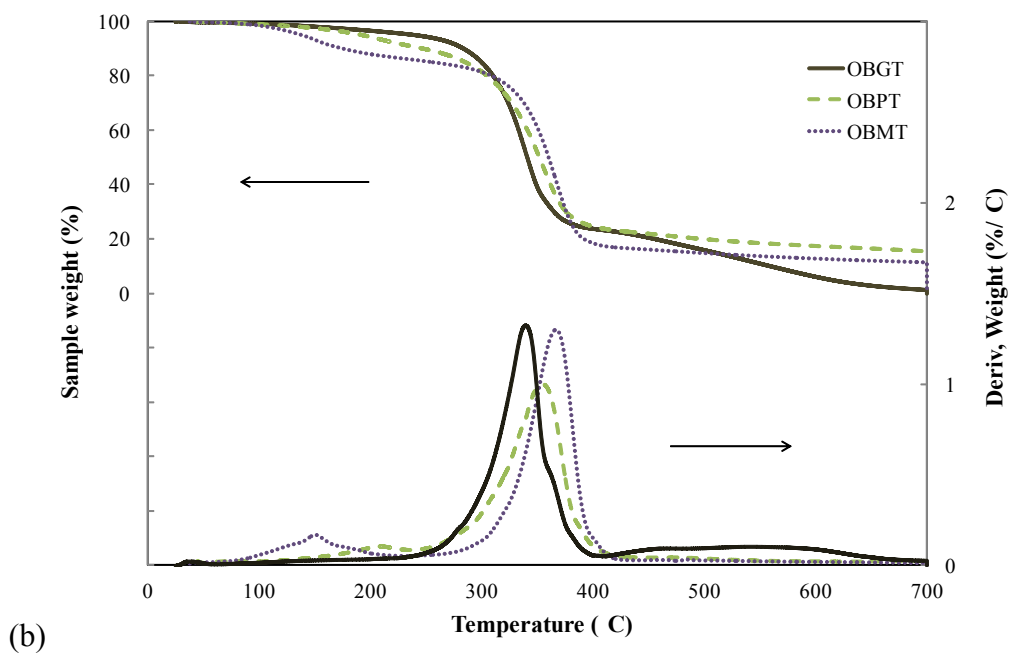
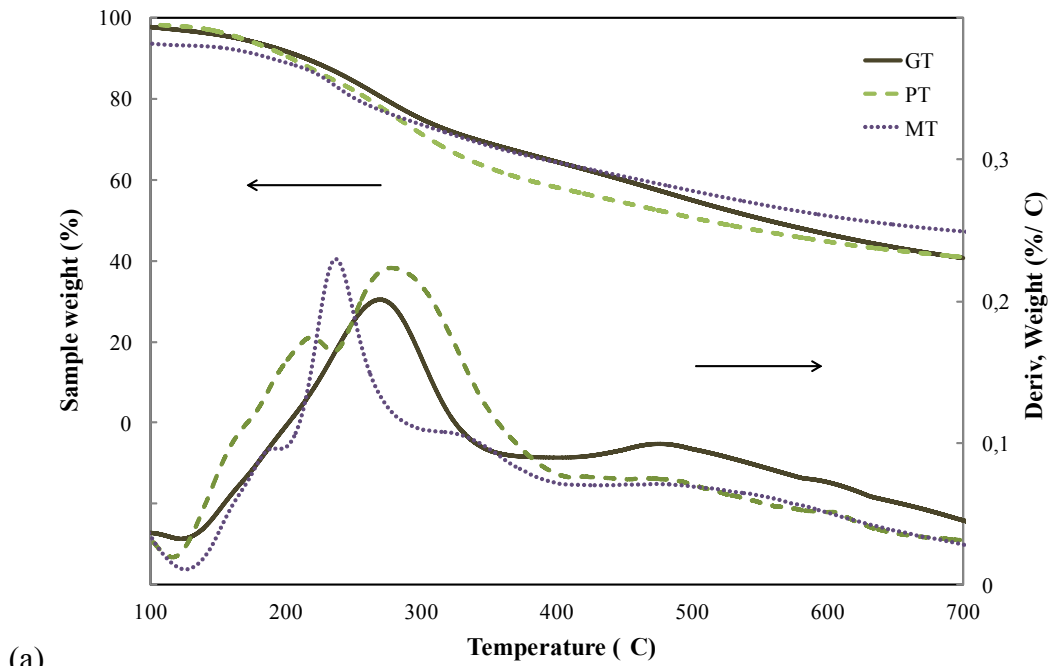


Fig. 3. TGA/DTG curves of (a) GT, MT and MT and (b) OBGT, OBPT and OBMT.