

# Viscoelastic properties of epoxidized natural rubber/poly(lactic acid) PLA/ENR blends containing glycidyl-POSS and trisilanolisooctyl-POSS as functional additives.

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Supporting Information:

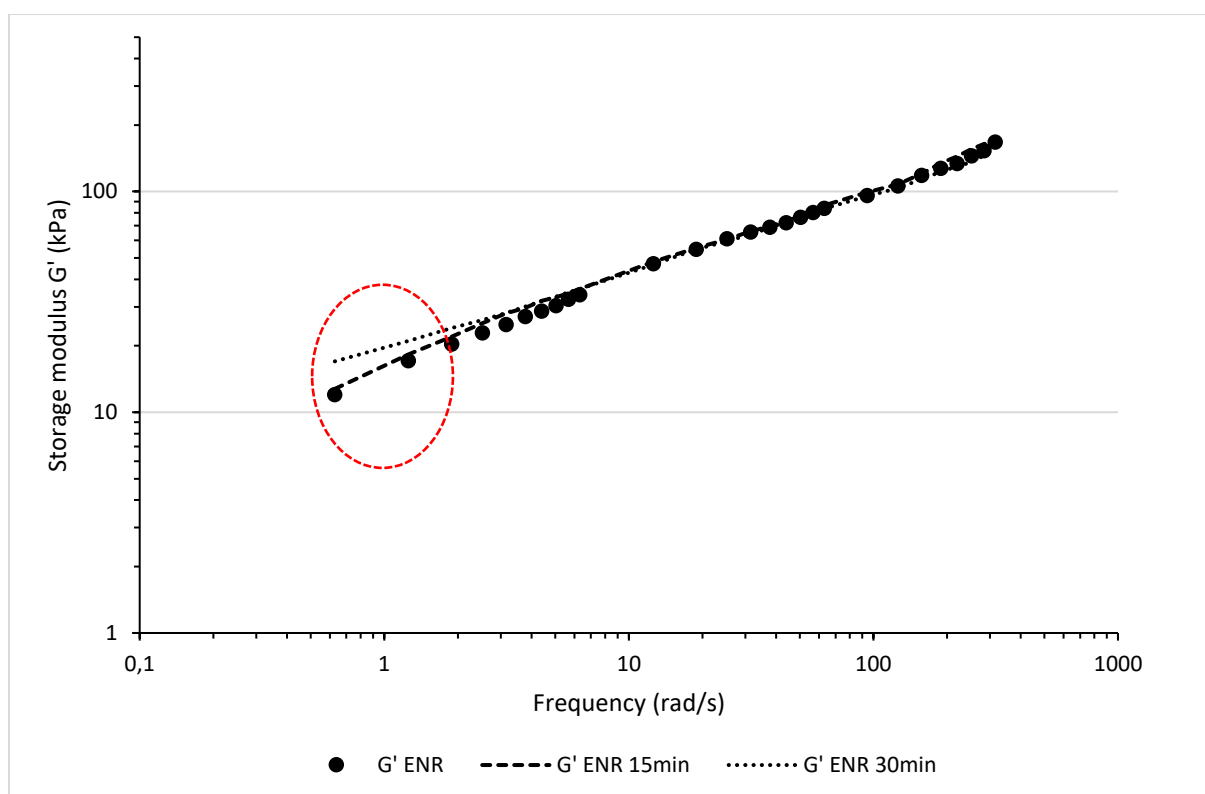


Figure S1: Influence of thermal treatment during 15 and 30 min. of compression molding at 160°C on the viscoelastic properties of neat ENR rubber, the storage shear modulus  $G'$

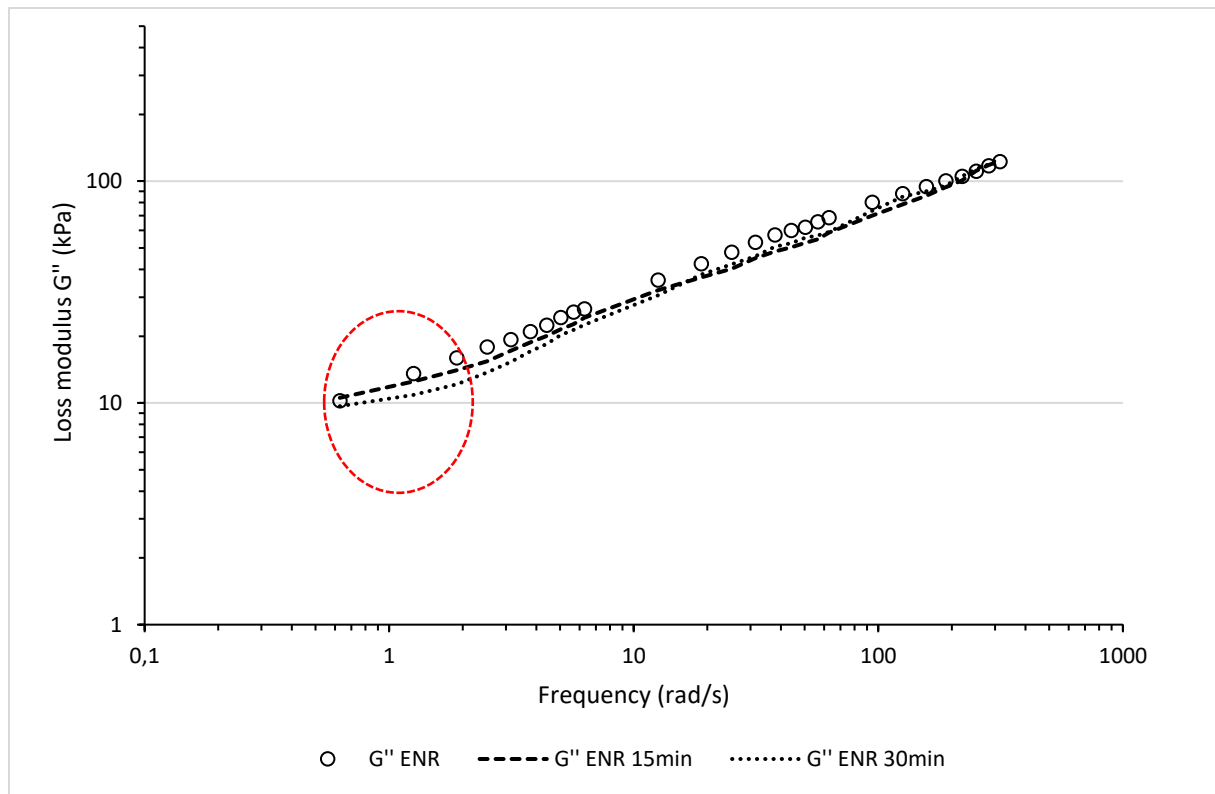


Figure S2: Influence of thermal treatment during 15 and 30 min. of compression molding at 160°C on the viscoelastic properties of neat ENR rubber, the loss shear modulus  $G''$

No significant changes in viscoelastic behavior and the values of storage shear modulus  $G'$  of neat ENR rubber due to the thermal treatment during 15 min. and 30 min. were observed for the higher frequency. The slightly higher values of the storage shear modulus  $G'$  were observed for the sample thermally treated in hydraulic press during 30 min. at low values of frequency, lower than  $1 \text{ rad}\cdot\text{s}^{-1}$ . Similarly, no significant effect of thermal treatment in hydraulic press was observed in case of loss shear modulus  $G''$  for the higher frequency. At lower frequencies (less than  $1 \text{ rad}\cdot\text{s}^{-1}$  slightly lower values of  $G''$  were indicated.