

SUPPORTING INFORMATION

Bubble dynamics manipulation in polymeric foaming

Lorenzo Miele^{a,b}, Antonio Abate^a, Kentaro Taki^{c,*}, and Ernesto Di Maio^{a,b,*}

^a*Dipartimento di Ingegneria Chimica, dei Materiali e della Produzione Industriale, University of Naples Federico II, Naples, Italy*

^b*foamlab, University of Naples Federico II, Naples, Italy*

^c*School of Frontier Engineering, College of Science and Engineering, Kanazawa University, Kanazawa, Japan*

*corresponding authors. E-mail: taki@se.kanazawa-u.ac.jp; edimaio@unina.it

1 Rheological measurements

The linear viscolastic properties of the polymer were measured at 180° using an MCR-WESP rheometer, Anton-Paar, Austria.

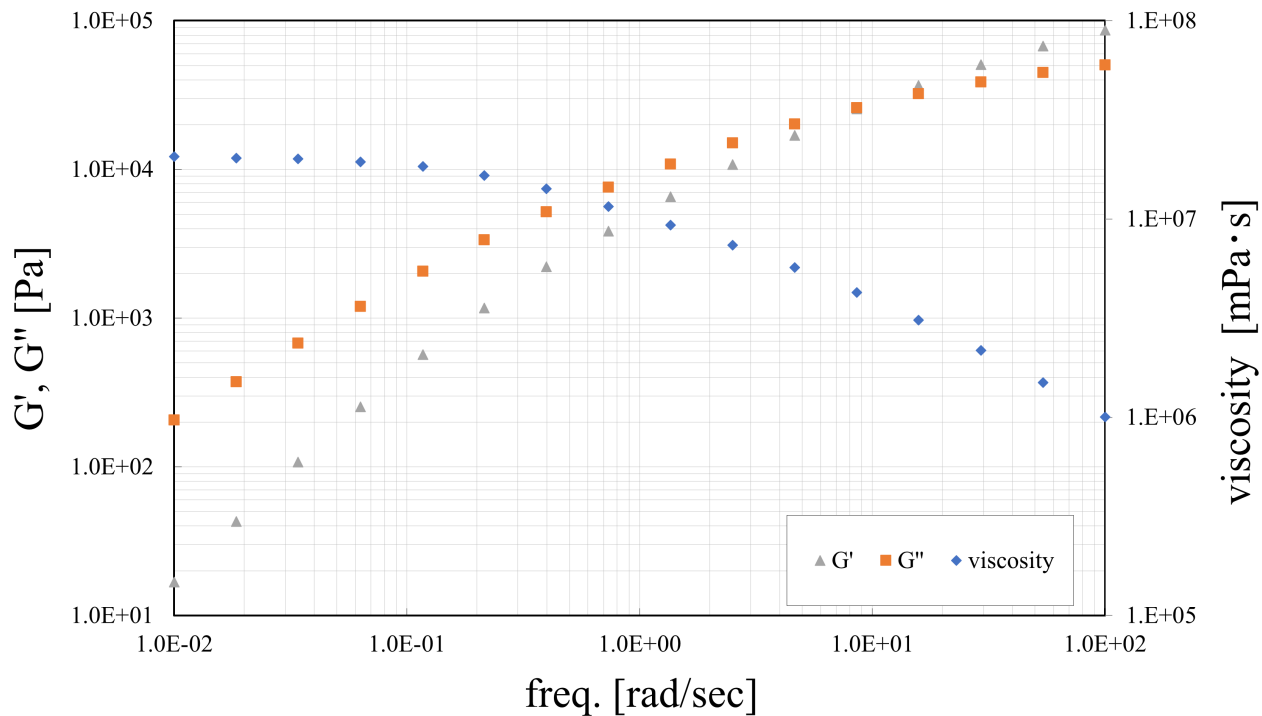


Figure SI 1: G' , G'' , and viscosity (η) of polypropylene (PP) as a function of the shear rate.