Soft Matter

CORRECTION

View Article Online
View Journal | View Issue

Check for updates

Cite this: *Soft Matter*, 2018, **14**, 470

DOI: 10.1039/c7sm90205k

rsc.li/soft-matter-journal

Correction: Effect of short-chain branching on interfacial polymer structure and dynamics under shear flow

Sohdam Jeong, Jun Mo Kim, Soowon Cho and Chunggi Baig*

Correction for 'Effect of short-chain branching on interfacial polymer structure and dynamics under shear flow' by Sohdam Jeong *et al.*, *Soft Matter*, 2017, **13**, 8644–8650.

The authors would like to correct errors in the data for the average number $\langle N \rangle$ and average length $\langle \tilde{L} \rangle$ per chain of the tail, train, and loop sections of the interfacial chains for the linear and SCB polymers shown in Fig. 3a in the original manuscript. The correct version of Fig. 3 is shown below. The related discussion and conclusions of the manuscript are not affected by this correction.

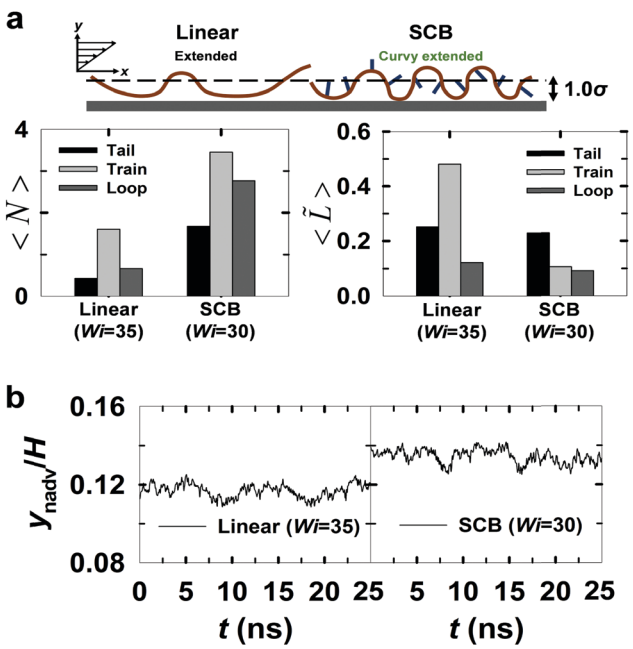

Fig. 3 (a) Average number $\langle N \rangle$ and average length $\langle \tilde{L} \rangle$ (normalized by the fully-stretched backbone length) per chain of the tail, train, and loop sections of the interfacial chains for the linear and SCB polymers. Here, the atoms located within (or over) 1.0 σ from the wall surface belong to the train (or loop) category, and the atoms at chain ends, if located over 1.0 σ from the wall surface, belong to the tail category.[26,27] (b) Average y-position (divided by the channel height H) for the center-of-mass of the non-adsorbed parts (y_{nadv}) of the interfacial chains as a function of time for the linear and SCB PE melts at an intermediate flow strength.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

School of Energy and Chemical Engineering, Ulsan National Institute of Science and Technology (UNIST), UNIST-gil 50, Eonyang-eup, Ulju-gun, Ulsan 689-798, South Korea. E-mail: cbaig@unist.ac.kr; Fax: +82-52-217-2649; Tel: +82-52-217-2538

This journal is © The Royal Society of Chemistry 2018

Open Access Article. Published on 21 December 2017. Downloaded on 3/29/2024 8:42:50 AM.
This article is licensed under a Creative Commons Attribution 3.0 Unported Licence.