

Polymer Vol 104, 8 November 2016

Graphical abstracts

SPECIAL ISSUE: RHEOLOGY. GUEST EDITORS: MANFRED WILHELM, MANFRED WAGNER AND GEORG KRAUSCH

Special issue on “Polymer rheology”

M.H. Wagner, Prof. M. Wilhelm, Prof.*

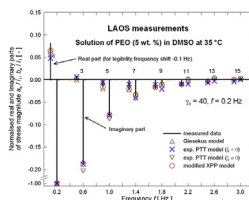
pp. 170

SPECIAL ISSUE PAPERS

Flexibility of three differential constitutive models evaluated by large amplitude oscillatory shear and Fourier transform rheology

Radek Pivokonsky*, Petr Filip and Jana Zelenkova

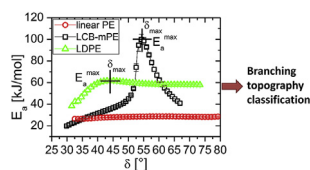
pp. 171–178



Deriving comprehensive structural information on long-chain branched polyethylenes from analysis of thermo-rheological complexity

Florian J. Stadler*, Yong Sung Chun, Jae Hyuck Han, Eunwoong Lee, Seung Ho Park, Chun Byung Yang and Changhyun Choi

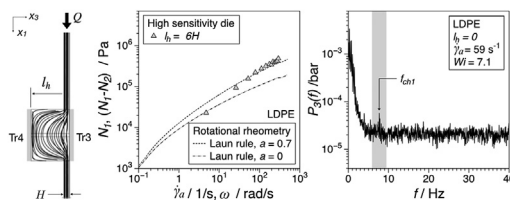
pp. 179–192



First normal stress difference and in-situ spectral dynamics in a high sensitivity extrusion die for capillary rheometry via the 'hole effect'

Roland Kádár*, Ingo F.C. Naue and Manfred Wilhelm

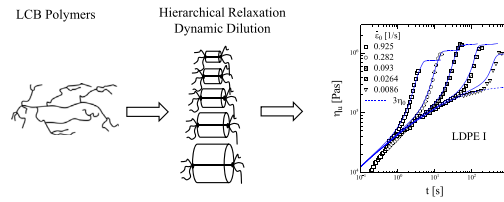
pp. 193–203



From linear viscoelasticity to elongational flow of polydisperse linear and branched polymer melts: The hierarchical multi-mode molecular stress function model

pp. 204–214

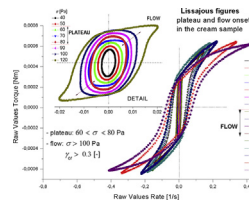
Esmaeil Narimissa* and Manfred H. Wagner



Correlation between large amplitude oscillatory shear (LAOS) and steady shear of soft solids at the onset of the fluid rheological behavior

pp. 215–226

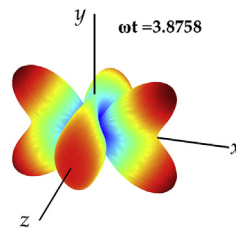
Daniela Coblas, Diana Broboana and Corneliu Balan*



Complex polymer orientation

pp. 227–239

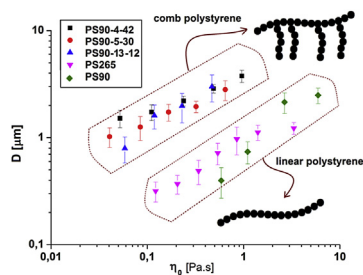
P.H. Gilbert and A.J. Giacomin*



Polystyrene comb architectures as model systems for the optimized solution electrospinning of branched polymers

pp. 240–250

Kamran Riazi, Jennifer Kübel, Mahdi Abbasi, Krystyna Bachtin, Sylvio Indris, Helmut Ehrenberg, Roland Kádár and Manfred Wilhelm*



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