NOTATIONS

G_M	Gibbs free energy
S_M	Entropy
H_M	Enthalpy
k	Boltzman constant
T_g	glass transition temperature
w	weight fraction
V	molar volume
Vf	volume of fraction
Vr	reference volume
δ	solubility parameter
ϕ	volume fraction
l	span length
b	width of sample
d	thickness of sample
τ	interaction parameter
η_a	apparent shear viscosity
σ_a	apparent shear stress
Ta	apparent mixing torque