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NOMENCLATURE

A_1	=	Data fitted coefficient of Cross-WLF model (-)
$\tilde{A}_2$	=	Data fitted coefficient of Cross-WLF model (K)
D_1	=	Data fitted coefficient of Cross-WLF model (Pa.s)
D_2	=	Data fitted coefficient of Cross-WLF model (K)
D_3	=	Data fitted coefficient of Cross-WLF model (K/Pa)
n	=	Power law index in the high shear rate regime (-)
P	=	Pressure (Pa)
T	=	Temperature (K)
t	=	Time constant (s)
η	=	Dynamic viscosity (kg/m. s)
η_0	=	Zero shear viscosity (kg/m. s)
η_∞	=	High shear viscosity (kg/m. s)
τ^*	=	Critical stress level (Pa)
$\dot{\gamma}$	=	Shear rate (1/s)
r	=	Volume fraction (-)
Γ	=	Diffusivity (kg/m. K)
ρ	=	Density (kg/m^3)
C_P	=	Specific heat capacity at constant pressure (J/kg. K)
τ	=	Shear stress (N/m^2)
S_E	=	Energy source (kg/m.K^{-3})
S_M	=	Momentum source (kg/m^{-2}.K^{-2})
v	=	specific volume (m^3)
δ	=	Identity matrix or Kronecker Delta function
α	=	Used as subscript to indicate that the quantity applies to polylactic acid
β	=	Used as subscript to indicate that the quantity applies to air