

LIST OF SYMBOLS

Symbols	Explanation
ω	Angular velocity
γ	Camber angle of tire with respect to its axis
θ_l	Contact angle between solid and liquid
Ψ^{diss}	Dissipated energy in one full rotation
ξ	Factor in temperature equation (6.4)
λ	Principle stretch used in Material model
δ	Phase lag between stress and strain in dynamic properties
σ	Stress
ε	Strain
Ψ	Strain (elastic) energy in Tire simulation
α	Slip angle of tire with respect to its axis
γ_l	Surface energy of liquid
γ_s	Surface energy of solid
γ_F	Surface energy of filler
γ_P	Surface energy of polymer
φ	Volume fraction of the filler