LIST OF SYMBOLS AND ABBREVIATIONS

ASTM	American Society for Testing and Materials
$CDCl_3$	Deuterated chloroform
-COOH	Carboxylic group
CV	Conventional vulcanization
A1	Alkyd A1
A2	Alkyd A2
A3	Alkyd A3
A4	Alkyd A4
cm	Centimeter
°C	Degree Celsius
DSC	Differential Scanning Calorimetry
ENR	Epoxidized Natural Rubber 50
EV	Efficient vulcanization
ENR/Alkyd	ENR and alkyd blend
ENR/A1	ENR and alkyd A1 blend
ENR/A2	ENR and alkyd A2 blend
ENR/A3	ENR and alkyd A3 blend
ENR/A4	ENR and alkyd A4 blend
ENR/PHA	ENR and mcl-PHA blend
FTIR	Fourier transform infrared
g	Gram
G	Modulus of swollen rubber
i.e.	That is
K	Kelvin

KOH	Potassium hydroxide
MA	Maleic anhydride
M_c	Crosslink number average molecular weight
M_n	Number average molecular weight
M_v	Viscosity average molecular weight
mcl-PHA	Medium-chain-length polyhydroxyalkanoates
mg	Milligram
mL	Milliliter
η	Intrinsic viscosity
NMR	Nuclear Magnetic Resonance
NR	Natural rubber
-OH	Hydroxyl group
PA	Phthalic anhydride
PHA	Polyhydroxyalkanoates
PHB	polyhydroxybutyrate
phr	Parts per hundred parts
PKO	Palm kernel oil
%	Percentage
P_{10}, P_{30}, P_{50}, P_{70} and P_{90}	ENR/PHA blends, where the numbers denote the percentage of PHA in the blends.
Semi-EV	Semi-efficient vulcanization
T_g	Glass transition temperature
TMS	Tetramethylsilane
vs.	Versus
w/w	Weight per weight