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LIST OF SYMBOLS AND ABBREVIATIONS

AIBN	Azobisisobutyronitrile
ASTM	American Society for Testing and Materials
BA	Butyl Acrylate
BPO	Benzoyl peroxide
$CDCl_3$	Deuterated chloroform
C_p	Heat capacity at constant pressure
DMA	Dynamic Mechanical Analysis
DSC	Differential Scanning Calorimetry
DTG	Derivative Thermogravimetry
EA	Ethyl acrylate
E’	Storage modulus
E’’	Loss modulus
F_{av}	Average functionality
FTIR	Fourier Transform Infrared analysis
GPC	Gel-Permeation Chromatography
HEA	Hydroxy ethyl acrylate
K	Kelvin
KHP	Potassium hydrogen phthalate
MMA	Methyl methacrylate
M_n	Number average molecular weight
M_w	Weight average molecular weight
MWD	Molecular Weight Distribution

NMR	Nuclear Magnetic Resonance
PA	Phthalic anhydride
PMMA	Poly (methyl methacrylate)
tanδ	Tangant Delta
T_g	Glass transition
TG	Thermogravimetry
TGA	Thermogravimetry analysis
THF	Tetrahydrofuran

LIST OF APPENDIX