

List of Symbols and Abbreviations

T_m	Melting temperature
T_g	Glass transition temperature
LMW	Low Molecular Weight species
UV	Ultraviolet
IR	Infrared
dE/dx	Energy loss per unit length
XPS	X-ray photoelectron spectroscopy
ATR-FTIR	Attenuated total reflection Fourier transform infrared
AFM	Atomic force microscopy
Γ	Interfacial tension
PC	Polycarbonate
PET	Polyethyleneterephthalate
PTFE	Polytetrafluoroethylene
PES	Polyethersulfone
H_v	Vicker's hardness number
ASF	Atomic sensitivity factor
RMS	Root mean squared roughness
SFE (γ_s)	Surface Free Energy
γ_s^p	Polar component of SFE
γ_s^d	Dispersion component of SFE