

## LIST OF ABBREVIATIONS AND SYMBOLS

EDXRF	Energy Dispersive X-Rays Fluorescence
$f_i$	Number of Atoms
HVL	Half Value Layer
$I_0$	Intensities of Incident Radiation
$I$	Intensities of transmitted Radiation
K	Kelvin
keV	kiloelectronvolt
MeV	Megaelectronvolt
MFP	Mean Free Path
$M_T$	Molecular Weight
$N$	Atomic Density
NBOs	Non-Bridging Oxygen
RHA	Rice Husk Ash
$S_p$	Softening Temperature
$T$	Temperature
$T_g$	Glass Transition Temperature
$T_e$	Kinetic Energy of Electron
UV	Ultraviolet
VIS	Visible
$V_m$	Molar Volume
$w_i$	Weight Fraction
$w_a$	Weight of the Specimen in Air
$w_b$	Weight of the Specimen in Water
$x$	Thickness of Sample
$Z_{eff}$	Effective Atomic Number
$\alpha$	Absorption Coefficient
$\alpha_i$	Inverse Localization Length
$\alpha_T$	Thermal Expansion Coefficient
$\kappa$	Pair Production Coefficient
$\rho$	Density
$\lambda$	Wavelength
$\lambda_c$	Cutoff Wavelength
$\tau$	Photoelectric Coefficient
$\pi$	Compton Coefficient
$\sigma$	Total Conductivity
$\delta$	Molar Extinction Coefficient
$\mu$	Total Linear Attenuation Coefficient
$\mu_m$	Total Mass Attenuation Coefficient
$\mu_c$	Chemical Potential
$\sigma_{t,a}$	Total Atomic Cross Section
$\sigma_{t,el}$	Electronic Cross Section