

Polymer blends of Conducting polyaniline with PET was performed in a melt-mixer. The polyblends were prepared with various ratios of polyaniline, SEBS-MA and PET in the mixer. The optimal composition for the polyblend which formed a measurable conductivity for the least polyaniline in the matrix was found to be around 50wt% with surface resistivity of $10^3 \Omega/\square$. The morphologies of the polyblends can be characterized by SEM pictures.