

Fig S1. Infrared spectra for PEO/PCL/LiClO<sub>4</sub> ternary blend with different PEO/PCL ratios, the concentration of LiClO<sub>4</sub> is fixed at 2 wt%.

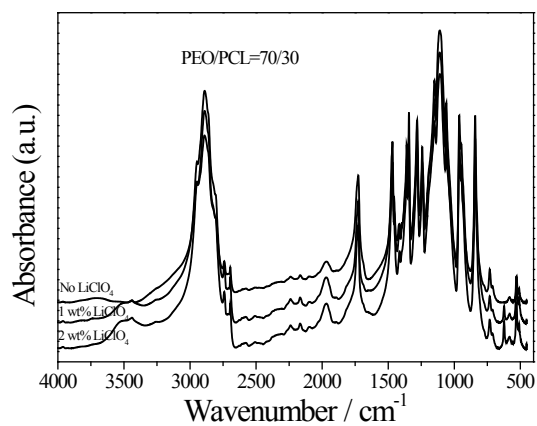


Fig S2. Infrared spectra for PEO/PCL/LiClO<sub>4</sub> ternary blend with PEO/PCL=70/30, the concentration of LiClO<sub>4</sub> changes from 0 to 2 wt%.