

Fig. 1 X-ray diffraction (XRD) pattern (a) and transmission electron microscopy (TEM) photograph (b) of LPRAg-25Cu alloyed powders.

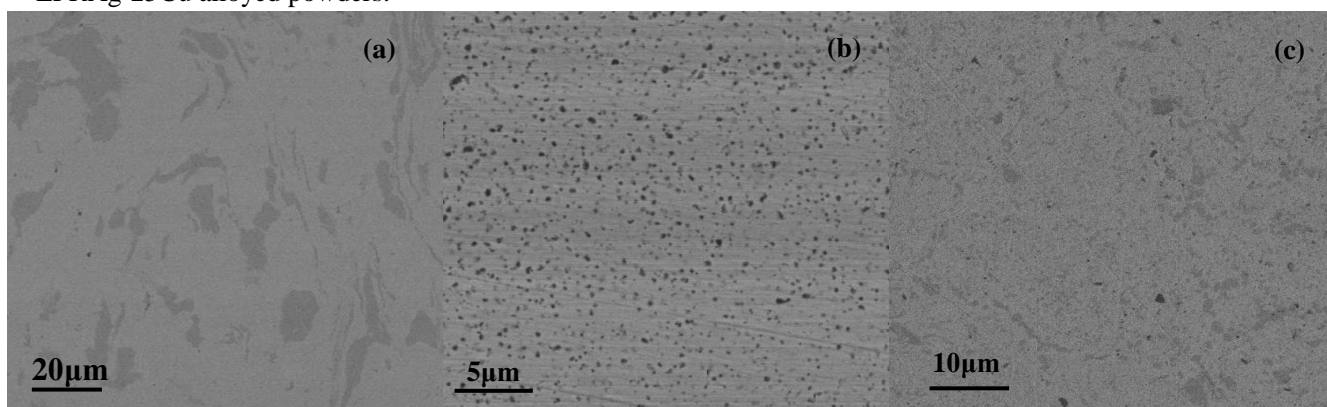


Fig. 2 Microstructures of PMAg-25Cu (a), LPRAg-25Cu (b) and MAAG-25Cu (c) alloys

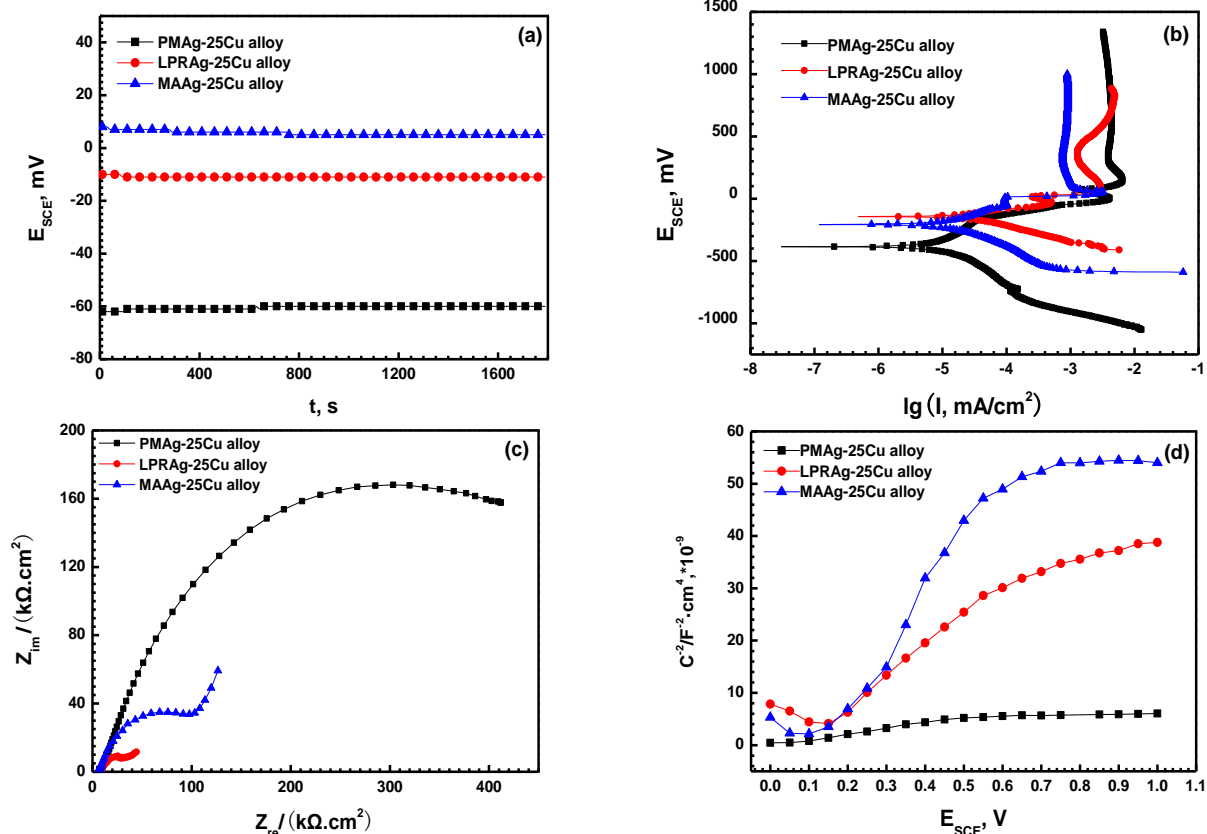


Fig. 3 Open Circuit potential (a), polarization (b), EIS (c), and Mott-Schottky (d) curves of three Ag-25Cu alloys in NaCl neutral solutions.