Optical-electric properties of poly(amic acid) composite films with low content of thermotropic liquid crystal

Ling Ding^a, Yihe Zhang^a*, Leipeng Liu^a, Jianshe Hu^b*, FengZhu Lv^a*

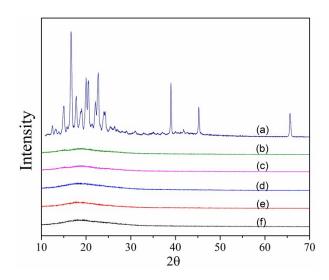
^aBeijing Key Laboratory of Materials Utilization of Nonmetallic Minerals and Solid Wastes, National

Laboratory of Mineral Materials, School of Materials Science and Technology, China University of

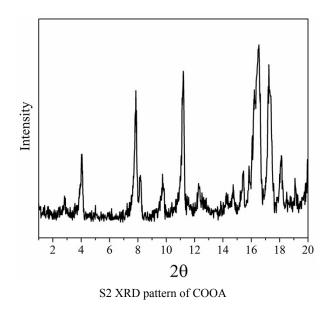
Geosciences, Beijing, 100083, China

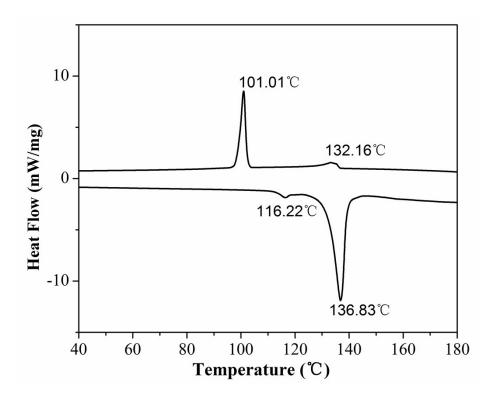
^bCenter for Molecular Science and Engineering, College of Science, Northeastern University,

Shenyang 110004, People's Republic of China



S1 XRD patterns of (a) COOA,(b) 3COOA/PAA-200,(c) 3COOA/PAA-145, (d)3COOA/PAA-120, (e) 3COOA/PAA-60 and (f)PAA-120.





S3 DSC curves of COOA.