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Structure of the Solid Ink-sticks JUNG-IL LEE, KEUN HWA CHAE, JONG HAN SONG, YEONHEE LEE, JAE PYUNG AHN, KYUNG TAE HONG, MAN-HO KIM, Korea Institute of Science and Technology (KIST), ANDREW JACKSON, NIST Center for Neutron Research, National Institute of Standards and Technology; Dept of Mater. Sci. & Eng. Univ. of Maryland, College Park
— Traditional solid ink-sticks have been mainly used for calligraphy and oriental painting in East Asian countries. The ink-sticks used to be made from soot (or carbon black) and animal glue using their own family recipes at each country. We investigated the physical structure of the ink-sticks from micron to nanometer using ultra small angle neutron scattering (USANS) and SANS together. Differences in the structures of the ink-sticks collected from different countries will be discussed.
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