

Formation composite bubble structures from boron and Indium

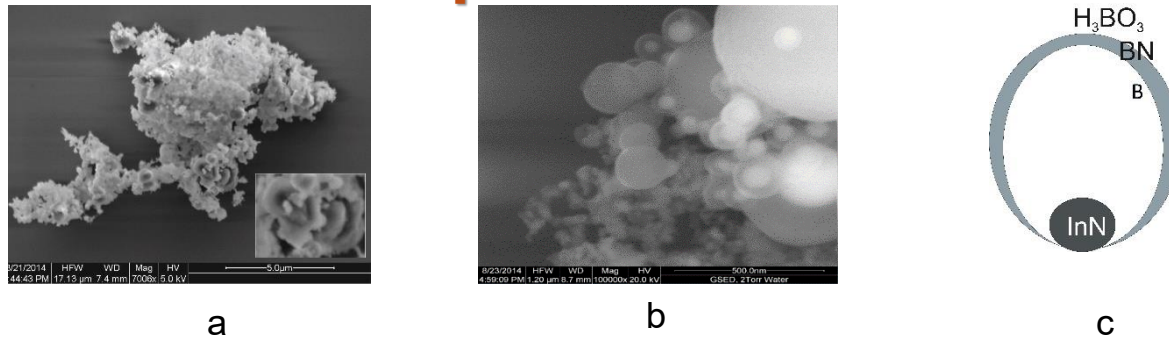


Fig. 7. SEM image of nano-petal (a), fullerene-like (b) structures which was formed at the temperature of ~1500 oC in flow of moistened nitrogen and schematic picture of considered structure (c).

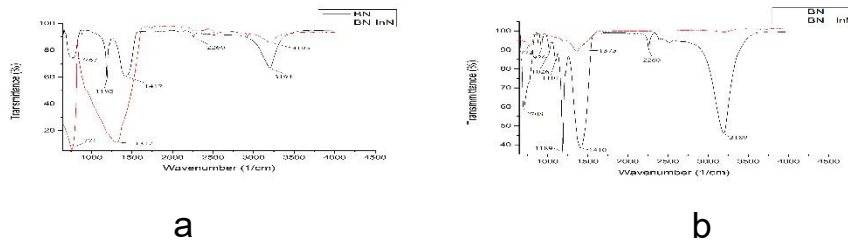


Fig. 8. FTIR spectra of BN and BN-InN powders, which were collected at a distance of 20 (a) and 30 (b) mm to the reaction zone.

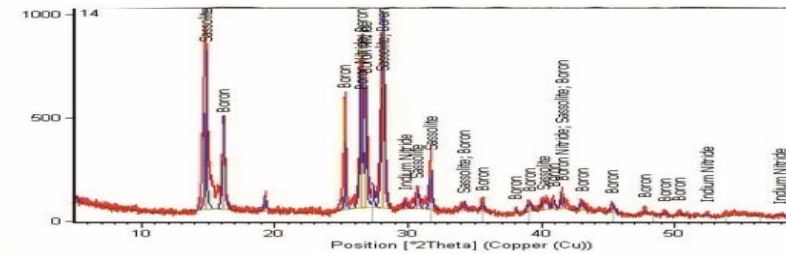


Fig. 9 X-ray diffraction pattern of produced powder. Phase composition consists of. H₃BO₃, BN, B, InN phases.