



Polymer Institute, Slovak Academy of Sciences

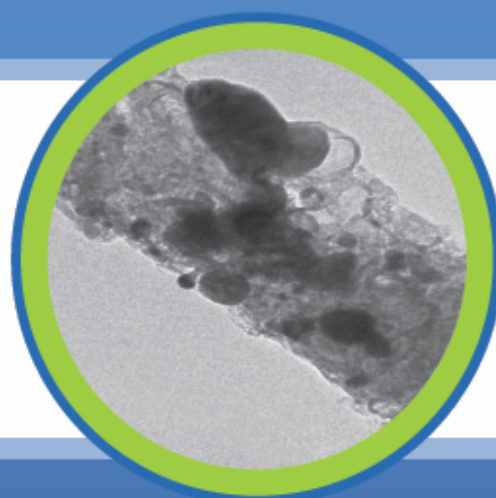
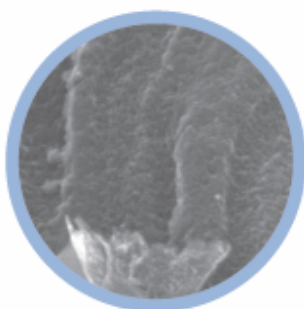
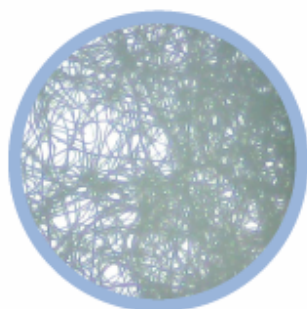
<http://www.polymer.sav.sk>



Water Research Institute

POWERFUL COMPOSITE SORBENT

- Composite sorbent for the removal of contaminants from water
- High removal efficiency of heavy metals: **arsenic 97,8%**, **antimony 97,6%**, **chromium 96,4%**, **cadmium 88,9%**, **lead >98,9%**
- Low price achieved by using input raw materials from plant wastes
- Up to **163%** more effective than commercial products; according to the type of contaminant



- Applications
 - in the treatment of water for drinking purposes
 - in the treatment of wastewater from the chemical and electronic industry

The transfer process of the invention into praxis was supported by the Slovak Centre of Scientific and Technical Information within the National system for IT support.



Office for Technology and Knowledge Transfer
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Patent pending
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