Angelyan at the Gesellschaft Deutscher Chemiker Angelyandte.org

www.angewandte.org 2013-52/3 THE STATE OF dum "OFF" current **Coulomb explosion**

A helical syndiotactic ...

... poly(methyl methacrylate) (st-PMMA) encapsulates C_{60} molecules within its helical cavity to form a supramolecular peapod-like molecular wire. In their Communication on page 1049 ff., S. Qi, S. Irle, E. Yashima, and co-workers report that sandwich devices fabricated using this helical st-PMMA/ C_{60} inclusion complex exhibit an irreversible electrical switching effect, which results from a violent Coulomb explosion in the peapod C_{60} wires during the charge injection process.



