



Shu-Kai Yeh

Associate Professor
Department of Materials
Science and Engineering
Tel:+886-2-2737-6518
skyeh@mail.ntust.edu.tw

Education:

- Ph.D. Chemical Engineering
West Virginia University

Lectures:

- Engineering Mathematics (II)
- Polymer and Composite Rheology
- Thermodynamics

Polymer Engineering

● Polymer Nanocomposite Foam

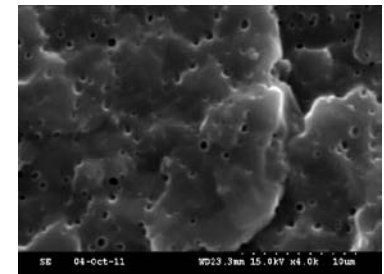
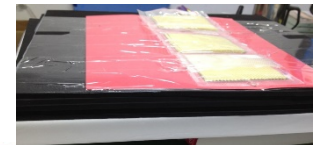
sc-CO₂ foaming
Micro and nanocellular foam
Physical properties of foam

● Natural fiber composites

Character of natural fiber foam
Natural fiber composite processing
Durability of composites

● Shear thickening fluid composite

Rheological properties of STF
Ballistic impact of STF
composites



Cell size : 450 nm

Cell density : 1.04×10^{11} cells /cc

