

Polymer solution spinning (NIPS)

APPLICATIONS

THEORY, KNOWLEDGE, & MODELS

CAPABILITIES

Hemodialysis



Wastewater Treatment



NIPS process - basics, formulations, applications



characterization (+focus on hemo)

***Nips Hollow-fiber Spinning**

- MF/UR/NE/BE fiber membranes



- Two mixing-tank systems for Sulfone & PVDF
- Homogenous & Supported HF Spinning
- Trustech Nozzle 0.4/0.7/1.2 mm
- Max. Take-up Speed 100m/min



Drinking-water Purification



Biopharma Separation





Gas Separation



Food & Beverage filtration

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***Nips Hollow-fiber Spinning**

- Sulfone Hemodialysis membranes



- Two mixing-tank systems for Pellet and Powder Sulfone
- ISCO dual-pumps for precise Bore/Dope-flow control
- Kasen Nozzle 0.18/0.28/0.4 mm
- Max. Take-up Speed 45m/min

