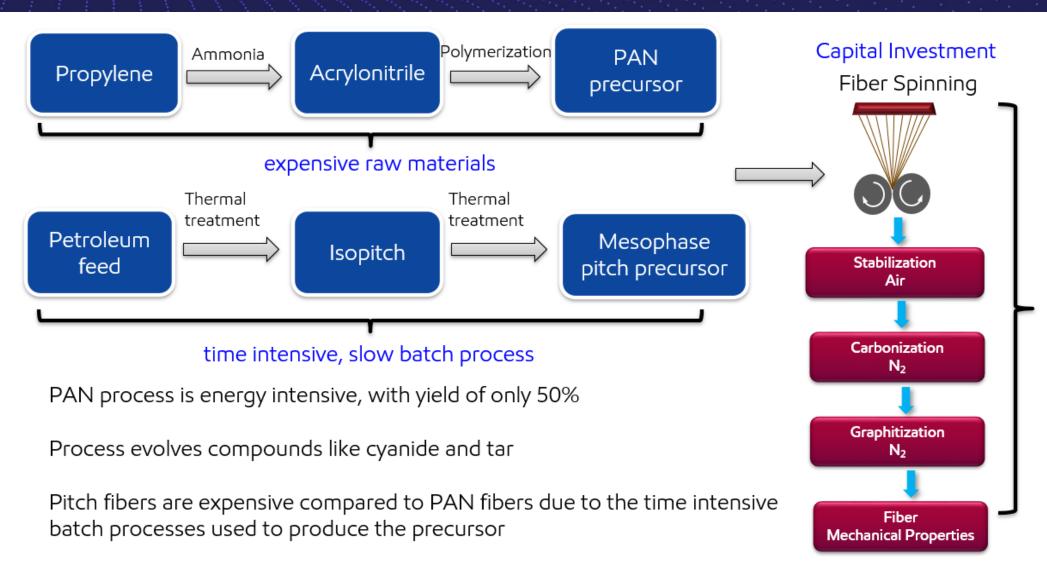
Pitch-based carbon fiber composite fabrication for mass scale production

Presented at IACMI Summer Member's Meeting June 21st 2023



Current processes for producing CF

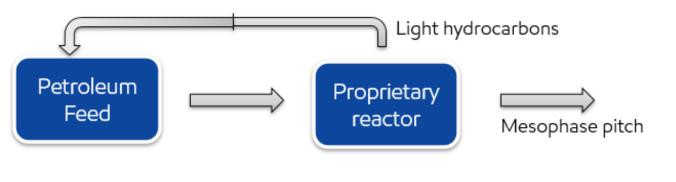




Energy & Capital Intensive

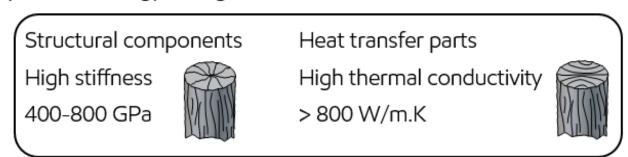
Low cost CF enabled by process innovation

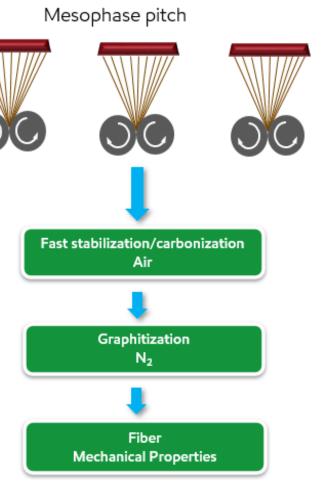
Fast, Clean, and Continuous process



Process innovation for producing low cost mesophase pitch using a fast, clean, and continuous process

Mesophase precursor could result in quick stabilization and carbonization, with potential energy savings

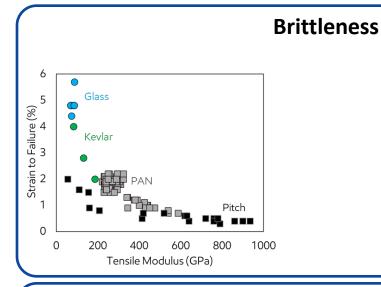


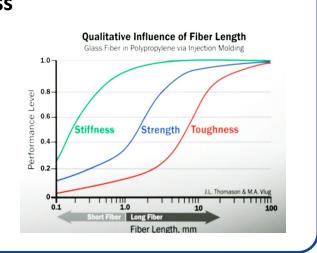


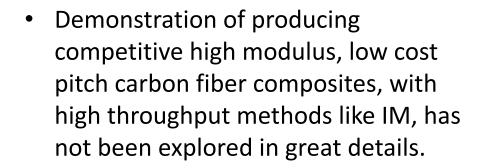


Pitch Fiber Composites

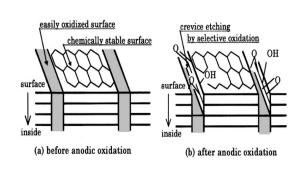
Challenges

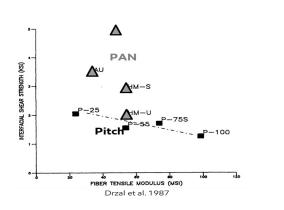












 Aiming at bridging this knowledge gap which may enable deployment of economic pitch fiber composites in high volume markets.



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