A: Multifilament continuous solution spinning line at the UKY CAER
B: Over 800 m of continuous, 500 filament tow acrylic fiber
C: Continuous tow passing over heated rollers
D: Scanning electron micrograph of acrylic fiber cross sections
E: Highly loaded carbon nanotube-acrylic conductive composite fiber
F: Carbon nanotube studded carbon fiber
G: Wet-jet spinning of 500 filament tow
H: A 500 filament wet-jet spinneret cup
I: Hollow acrylic fiber filled with carbon nanotubes
J: Optical image of hollow fiber cross sections
K: Close up of 500 filament tow passing over godet rollers
L: Air gap solution spinning of 333 filaments
M: In-line tension measurement and frequency drives for precise control
N: Takeup onto spooling winder of 500 filament tow acrylic fiber
O: Favimat (AI) Robot2 automated tensile and linear density tester
P: Scanning electron micrograph of hollow fiber