Modifying Interfacial Chemistry of Cellulose-Reinforced Epoxy Resin Composites using Atomic Layer Deposition (ALD)

Jamie P. Wooding^[a], Yi Li^[a], Kyriaki Kalaitzidou^[b], Mark D. Losego^[a]

[a] School of Materials Science and Engineering, Georgia Institute of Technology, Atlanta, GA 30332

[b] The George W. Woodruff School of Mechanical Engineering, Georgia Institute of Technology, Atlanta, GA 30332

For AA16: Emerging: Others

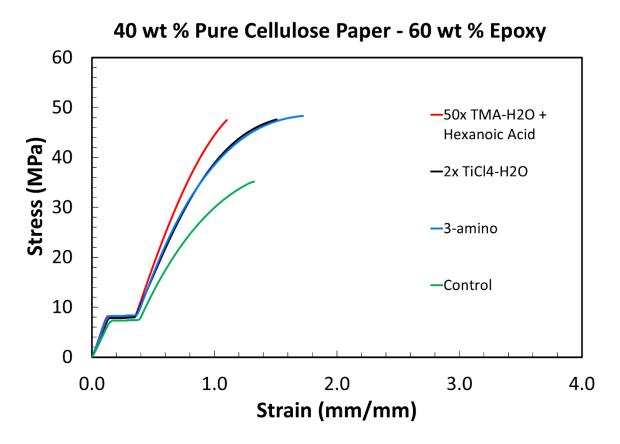


Figure 1. Average stress-strain curves for cellulose paper – resin composites with varying cellulose surface modification treatments