Supporting Information

# Application of Atmospheric-Pressure Jet Plasma in the Presence of Acrylic Acid for Joining Polymers without Adhesives

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## *2. Materials and Methods*

### *2.7. Debonding Experiments*

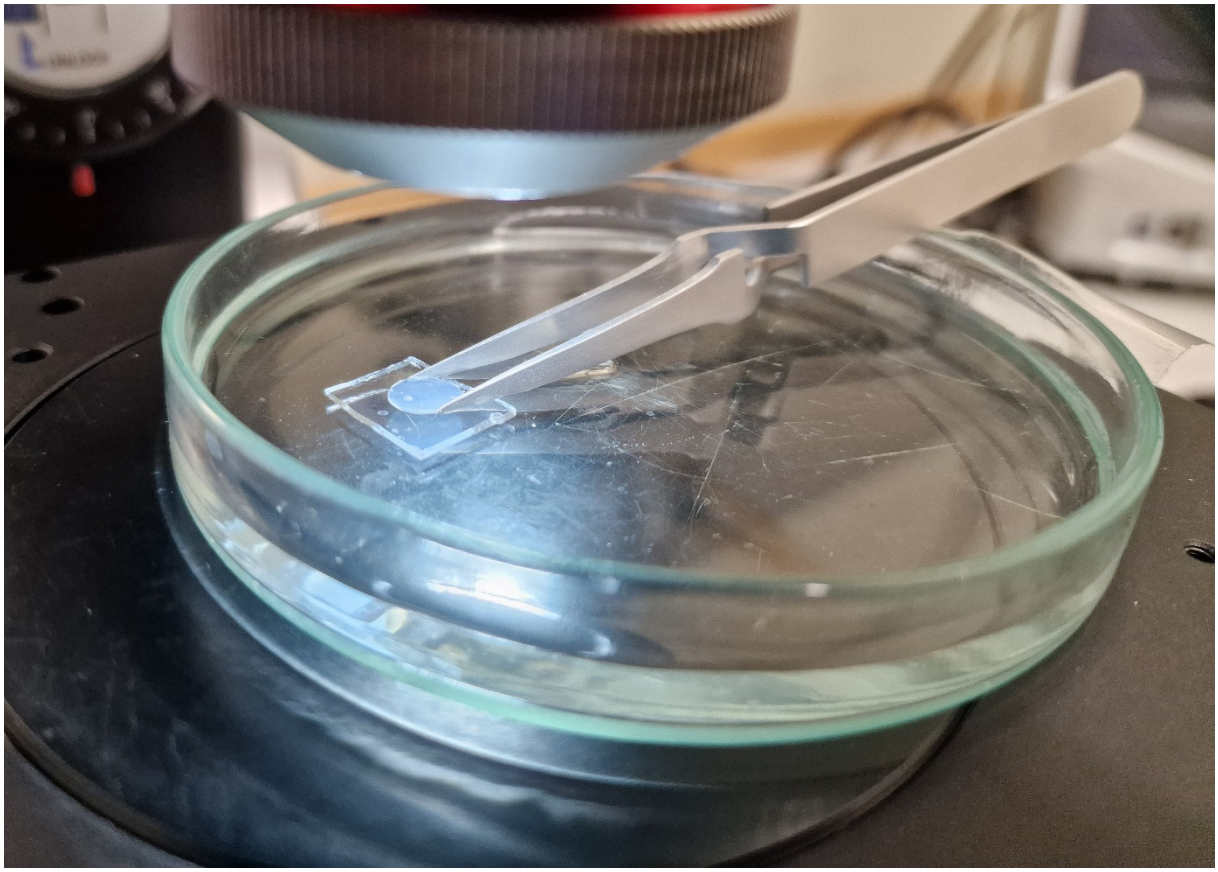

**Figure S1.** Experimental setup for the debonding experiments.

## *3. Results and Discussion*

### *3.3. Effect of Adsorbed Metal Ions on the Joints*

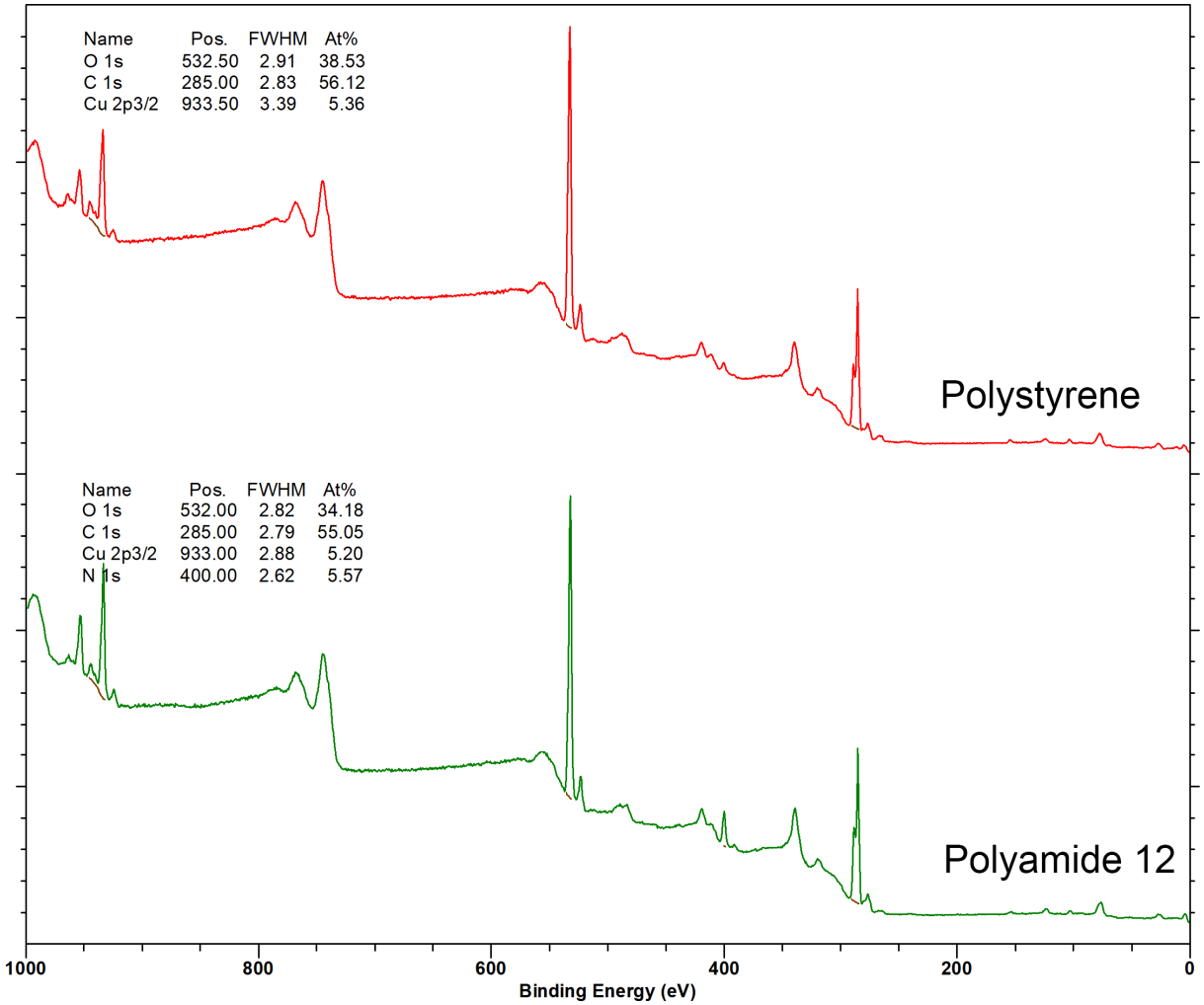


**Figure S2.** XPS survey spectra, utilized to quantify the copper present on the surfaces of PS and PA 12 after exposures to the copper ion solution.