

More efficient and cost-effective antibody deposition with maintained functionality

Customer Challenge

Current process is not optimal

- Very expensive
- Inert substrate
- Long multi-step wet-chemical process
- Maintain substrate coverage density and specificity

Solution

Graft water-based antibody solution onto the surface using Molecular Grip Solution

Also, able to graft onto PPMA and polycarbonate

Results

- ✓ 85% dense, specific coverage of substrate – surpassed expectations
- ✓ 1000x decrease in process time
- ✓ 100x reduction in chemistry use
- ✓ Cost reduction
- ✓ Process optimization