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CAPABILITIES & EQUIPMENT

- ▶ **Fusion UV Cure Tunnel** H and D bulbs, variable speed transport, nitrogen flush inerting can be added as needed.
- ▶ **Orca Graphics Laminator** Flexible laminator - samples prepared include PC to glass, foam/film wound dressing, protective coatings.
- ▶ **QUV Weatherometer** Wet, dry or mist UV exposure unit with large sample capacity.
- ▶ **Multiple High Speed Mix/Dispersion Units** Units vary in size to handle small volume mixes (100mL) to large volume samples (20L) allowing rapid scale up.
- ▶ **Optical Microscopy** Several microscopes available.
- ▶ **3D Ink Jet Printer & Pellet Filament Extruder** Prototype unit can handle many filament types. Pellet extruder for development of prototype filament material.
- ▶ **Extensive Polymer, Surfactant & Additives Inventory** Rapid turn around time requires having the right materials on hand.
- ▶ **Solvent, aqueous & 100% Solids Formulation** Laboratory equipped to handle all types of materials.
- ▶ **20L, 40L & 120L stainless mix tanks available.** Rapid scale up of formulations.

PRODUCT FORMULATION - MATERIALS - DEVELOPMENT - PROCESSING

Our focus is the development of custom formulated coatings, materials and inks for many diverse applications.

Our extensive experience in both R&D and roll to roll coating manufacturing allows us to develop new products with final processing considerations incorporated at the raw material selection stage of a project.