

Pilot-Scale Manufacturing for Specialty Materials

With pilot scale equipment, Tetramer serves as a **specialty chemical manufacturing partner** or vendor supplying **proprietary materials**.

CHEMISTRIES

- Polyimides, Polyamides, Polysulfones, Acrylics
- Amidation, Esterification
- Emulsion Chemistries
- > Other Stainless Steel Compatible Chemistries

REACTOR CAPABILITIES

- Stainless Steel: 150L Reactor with 120L working capacity
 - o 100 PSIG pressure, full vacuum, up to 450°F
 - o Wetted materials: 316L-SS, 304-SS, PTFE
 - In-reactor viscometry
- 5L up to 50L Glass Reactors for R&D and process validation

BEAD PRODUCTION CAPABILITIES

0.5 – 3 mm diameter beads





DIFFERENTIATORS

Our team of 20+ scientists, engineers, and operators excel in specialty materials manufacturing.

- Early-stage process design expertise and development/manufacturing cost estimations
- Analytical Lab with full-time staff providing chemical, electrical, optical, and thermomechanical characterization including GPC, TGA, DSC, Particle Size, FTIR, and Electron Microscopy
- Environmental Chambers and Accelerated Lifetime Testing on site
- Tech-transfer support and package development
- ISO 9001:2015 Certified Quality Management System



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DUNS: 112087726 CAGE: 3H0U7 NAICS Codes:

541715 - Research & Development in the Physical, Engineering, and Life Sciences

541713 - Research & Development in Nanotechnology

325211 - Plastics Material, Resin Manufacturing

541380 - Testing Laboratories

325998 - Chemical Product and Preparation Manufacturing

541690 - Scientific and Technical Consulting Services







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