



OTECH

THERMOPLASTIC COMPOUNDING

CAPABILITIES

PRODUCTION

Certifications

OTECH Corporation

is an ISO 9001:2015 certified custom U.S. manufacturer of specialty thermoplastic compounds.



Certifications

- UL Listing – Plenum Cable Compounds
- DOC NSF/ANSI 51
- DOC NSF/ANSI 61
- CSA Rated Compounds
- Class VI Compounds
- UL – QMTT2 Recognized Materials
- UL – Plastics Component V-0, V-2 Rated
- UL – Plastics Component V-0, V-2 Rated – Canada
- TPE – 720 Mr. Sunlight Resistant Jacket
- ISO 9001 2015



OTECH Facilities

OTECH Corporation
Rolling Prairie, Indiana

200,000 sq. ft. manufacturing
120,000 sq. ft. warehouse

17

Outdoor resin silos

Current Capacity:
1,734K lbs.

15

Indoor tanks

Current Capacity:
700K lbs.

10

Production lines

Current Capacity:
110M lbs. annually

Customer Driven Compounding

- At OTECH we are committed to a strong investment in technology and research. Staffed with experienced polymer professionals and technicians, our laboratories deliver premier quality assurance and product development support.
- The innovation our customers seek is the driving force behind our constant development of new & improved solutions.
- Our skilled professionals are committed to working closely with your team to improve existing products, develop new ones, and ensure quick delivery of your order.
- Quality control. Quality assurance. New product development.

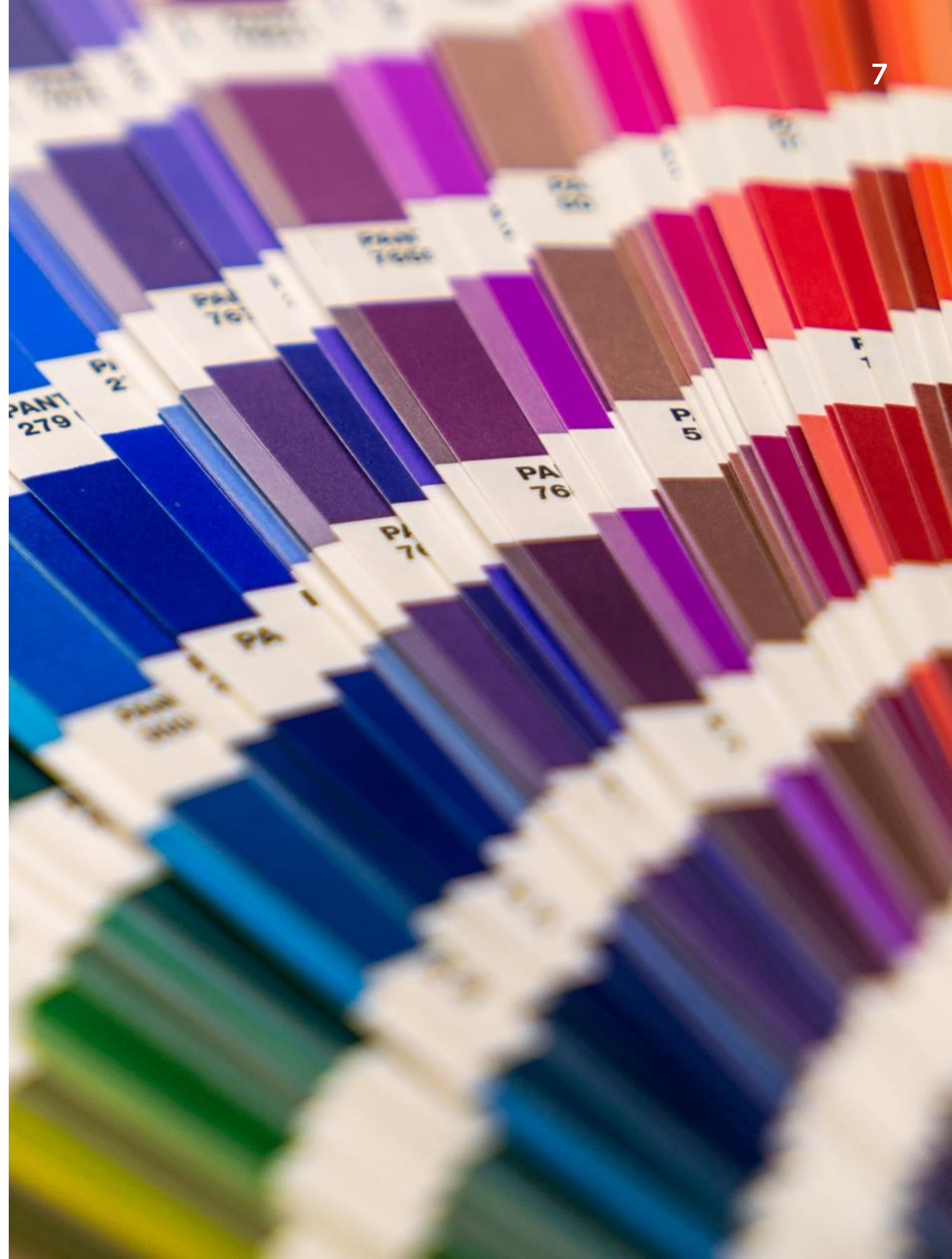


Thermoplastic Compounding

- OTECH boasts six production lines with a capacity of creating 100 million pounds annually for customers around the world. 100% of our products are made in the U.S.A.
- Excellent quality. Unbeatable price! OTECH stands 100% behind all of its products. Customers won't find better quality for the price anywhere else in the united states. We are an ISO 9001:2015 certified custom U.S. Manufacturer of specialty thermoplastic compounds featuring PVC, clear PVC, FR PVC, FDA PVC, NSF PVC, XL PVC, PVC alloys, expanded PVC, CPE, XL CPE, TPES, TPRS, TPOS, TPUS, XL EVA, FR polyolefins, zero halogens, and polymer alloy blends. OTECH supplies compounds to the wire and cable, footwear, profile extrusion, and molding markets.
- Toll compounding available.

Color Matching

Our color matching capabilities and equipment coupled with our knowledge of thermoplastic compounds and process makes your exacting color match requirements a reality. Our color development team will match your color from a variety of color standards such as raw materials, finished parts, Pantone® color swatches, and or Pantone® numbers. OTECH matches colors on time and on budget.



Custom Production Orders

- Each of our products is manufactured on one of our specialty designed production lines for quality and consistency.
- OTECH has a variety of different types of production equipment to meet the diverse compound requirements of our loyal customers. Every order is manufactured on one of our specially designed production lines depending on polymer type, order size, and pellet cut configuration.
- OTECH also offers toll compounding or compounds manufactured to a customer's proprietary formulations under secured agreements.
- All compounds are packaged in 50 lb. sample boxes, gaylord boxes, super sacks, and bulk trucks. We offer 3 pellet cuts round, octahedron, and barrel cuts. OTECH offers standard size round and barrel cut pellets and octahedron pellets sized in 3/32 or 1/8 inch.

LAB CAPABILITY

Lab Test Equipment

2 two - roll mills

2 Carver presses

Shore A and D Durometer test equipment

Specific Gravity test equipment

- Micromeritics Pycometer
- 2 Qualitest MD300S Electronic Densometer

Instron Tensometer

Limiting Oxygen Index test equipment

Benz Low Temperature Brittleness tester

Tinius Olsen Melt Flow Indexer

Brabender Plasticorder/Torque Rheometer

Atomic Absorption Spectrophotometer

1 inch Lab Extruder with a strip die

Spectrophotometer

3 Arbor presses

Taber abrasion tester

Ross Flex tester

Gas Chromatograph

FTIR

Arburg 50 ton molding machine

6 ovens

Cold box (-50 C)

Oil Testing

Dynisco Capillary Rheometer

I.E.T. Labs Megohmmeter/IR tester

Asker C Hardness tester

Lab Banbury mixer

Lab Test Equipment

2 two - roll mills

2 Carver presses

Shore A and D Durometer test equipment

Specific Gravity test equipment

- Micromeritics Pycometer
- 2 Qualitest MD300S Electronic Densometer

Instron Tensometer

Limiting Oxygen Index test equipment

Benz Low Temperature Brittleness tester

Tinius Olsen Melt Flow Indexer

Brabender Plasticorder/Torque Rheometer

Atomic Absorption Spectrophotometer

1 inch Lab Extruder with a strip die

Spectrophotometer

3 Arbor presses

Taber abrasion tester

Ross Flex tester

Gas Chromatograph

FTIR

Arburg 50 ton molding machine

6 ovens

Cold box (-50 C)

Oil Testing

Dynisco Capillary Rheometer

I.E.T. Labs Megohmmeter/IR tester

Asker C Hardness tester

Lab Banbury mixer

Lab Test Equipment

2 two - roll mills

2 Carver presses

Shore A and D Durometer test equipment

Specific Gravity test equipment

- Micromeritics Pycometer
- 2 Qualitest MD300S Electronic Densometer

Instron Tensometer

Limiting Oxygen Index test equipment

Benz Low Temperature Brittleness tester

Tinius Olsen Melt Flow Indexer

Brabender Plasticorder/Torque Rheometer

Atomic Absorption Spectrophotometer

1 inch Lab Extruder with a strip die

Spectrophotometer

3 Arbor presses

Taber abrasion tester

Ross Flex tester

Gas Chromatograph

FTIR

Arburg 50 ton molding machine

6 ovens

Cold box (-50 C)

Oil Testing

Dynisco Capillary Rheometer

I.E.T. Labs Megohmmeter/IR tester

Asker C Hardness tester

Lab Banbury mixer



THANK YOU