



OTECH

THERMOPLASTIC COMPOUNDING



CAPABILITIES

ABOUT US



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

OTECH History

1999

Founded by Jack E. O'Donnell
as a PVC Compounder and Houseware
Manufacturer.

2006

OTECH was reorganized and spun off
its houseware manufacturing operation
to focus on the compounding business.

2009

OTECH acquired Resource Alliance Inc., a manufacturer of color concentrates, and formed Color Resource as a wholly owned subsidiary of OTECH.

2012

OTECH installed a 66mm twin screw extrusion line to process TPR, SEBS and other rubber alloy compounds.

2014

OTECH added 35,000 sq. ft. manufacturing space and installed an automated medical Class VI PVC 6" extrusion line.

2016

OTECH completion of a \$2 million manufacturing automation upgrade. These enhancements include loss weight feeders, electronic bulk handling technologies and electronic process controls.

2018

FEBRUARY

\$1 million renovation and laboratory upgrade.

2018

JULY

10 million pound capacity, small batch specialty color compounding line.

2019

July 2019, Completion of \$2.5 million F80 Banbury line - expanding production capacity by 65 million pounds for specialty alloys and thermoplastic elastomers.

2021

FEBRUARY

OTECH sells Color Resource to Chroma and puts heavy focus on capacity expansion.

2021

Line 4 extruder upgrade increases capacity and efficiency by 50%

2021

OTECH implements EOS company-wide with great results

2021

Adds Conductive and ESD line of compounds to product offering

2022

Major silo and feeding system upgrades to lines 2 and 3 to increase efficiency and capacity by 30%

2022

Expands workforce by 20% to meet demand

2022


Groundbreaking on new compounding facility in Auburn, Mass

2022

Line 5 upgrade to Banbury compounding capability for conductive and specialty black compounds

2022

2022



Line 10 groundbreaking adds over 50 million pounds of flexible vinyl compounding capacity

Line 11 addition adds more TPE capability and capacity

OTECH Leadership

Jason Page

CEO

Jason has 20+ years of experience as a development chemist along with strong leadership in plant and laboratory management. Jason earned a B.S. in Chemistry.

Jack O'Donnell III

Key Account Director

Jack brings 15 years of experience in the compounding and resin distribution industry. He is a graduate of Providence College, with a B.S. in Chemistry.

Jim Miller

VP Operations

Jim manages a team of 70+ plant operators to ensure quality manufacturing operations. With 25+ years in the plastics industry, Jim has knack for managing a variety of teams to complete and exceed company objectives and goals.

Ted Irvine

President

Ted has 35 years of plastics experience in key account sales, management, executive leadership and marketing. Ted has a bachelors degree in English and History.

Kristine Conley

VP Finance

Kristine is an MBA and CPA, with immense experience in fast-paced manufacturing and logistic companies.

Jim Grimley

VP SALES

Jim brings 35 years of experience in successful plastics industry, technical sales, management and business development. Jim also has a B.S. in Chemistry.

OTECH VALUE

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

Core Values



Diligence

Practical, can-do attitude with tenacity to always get things done. The first time. Fast and without compromise.



Accountability

We are fully engaged and committed to developing and delivering on our promises to customers.



Passionate

We love what we do and make what we love. We are fearless and resourceful in creating the best product possible.



Honesty

We talk straight and are constructive in our interactions. We practice blameless problem-solving, making mistakes quickly and innovating solutions even quicker.



Loyalty

We are only as strong as our team — committed to be supportive, respectful, and collaborative with each other.



Growth

Steadfast in our vision, we're always willing to learn and progress our way of thinking without losing sight of the big picture.

Purpose and Niche



WHY

We are motivated by the fact: *our pellets become essential products for everyday life!* From the shoes you wear to vital medical products in the E.R. to the computer mouse you're clicking on, the OTECH team aspires for excellence in helping customers bring their products to life.



WHAT

Custom Compounds,
Superior Service,
Fast

Four Uniques

1 Custom Product Approach

We approach every product with a clean slate. We do not offer off-the-rack products. The outcome? ***Solutions designed for you and you alone.***

3 Responsiveness

In today's rapidly changing economic and consumer landscape, we understand the value of bringing high quality products to market. You can count on OTECH for **agility, and responsiveness. Fast turn-around without compromise.**

2 Commitment to Develop the Underdeveloped

It is when others throw their hands down in despair, we are most excited. We are innovators at our core and ***committed to develop the undevelopable.***

4 Personalized Technical Service

Product development requires a close collaboration with our customers. Not only do we have vast product and industry experience, we also understand that we cross the finish line together with our customers so our ***personalized technical service*** model is built on this principle.

Service Pledge

Fully understand your application and process. How we will get there and to your satisfaction.

Innovation

OTECH has been a leader in several innovations in plastics compounding during our twenty-one years in business. We have been out front in delivering phthalate free, flexible vinyl compounds for our customers to be able to meet California Proposition 65 without sacrificing any product performance. Our laboratory facilities are constantly updated with state-of-the-art technology, and we have recently updated the entire lab with a \$1 million expansion.

OTECH has been a leader in re-engineering compounds to lower cost, by weight, processing speed and through several supply chain solutions that just aren't readily available in the industry. We love helping our customers innovate and can lead an effort or support your initiative.



Product Development

Product development at OTECH is about speed, accuracy and quality all driven by our customer's specific need. We have found that the properties of a compound are only numbers on a Technical Data Sheet and don't mean much if we haven't developed a product that can run in your equipment and meet all the compliance and regulatory requirements. We have a full product development laboratory with all of the required testing equipment to take a compound from concept to pellets much more quickly than industry standard.



Product Quality



The customers that OTECH has, and the exacting technical markets they serve require the very best quality not just as an aspirational target but as the minimum requirement. Our facility is ISO 9001:2015 Certified and all of our production lines are automated to create the best lot to lot consistency and quality available in the industry. Our QC and QA staff is experienced and deep and our equipment is state of the art.

Customer Service



Ask any of OTECH's customers and they will tell you about how easy it is to deal with our customer service people. The best thing we can do at OTECH for our customers is to be not just responsive, but also to anticipate your needs. And oh, by the way, we also have to be fast, accurate and communicate to really serve our customers.

PRODUCTION

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.

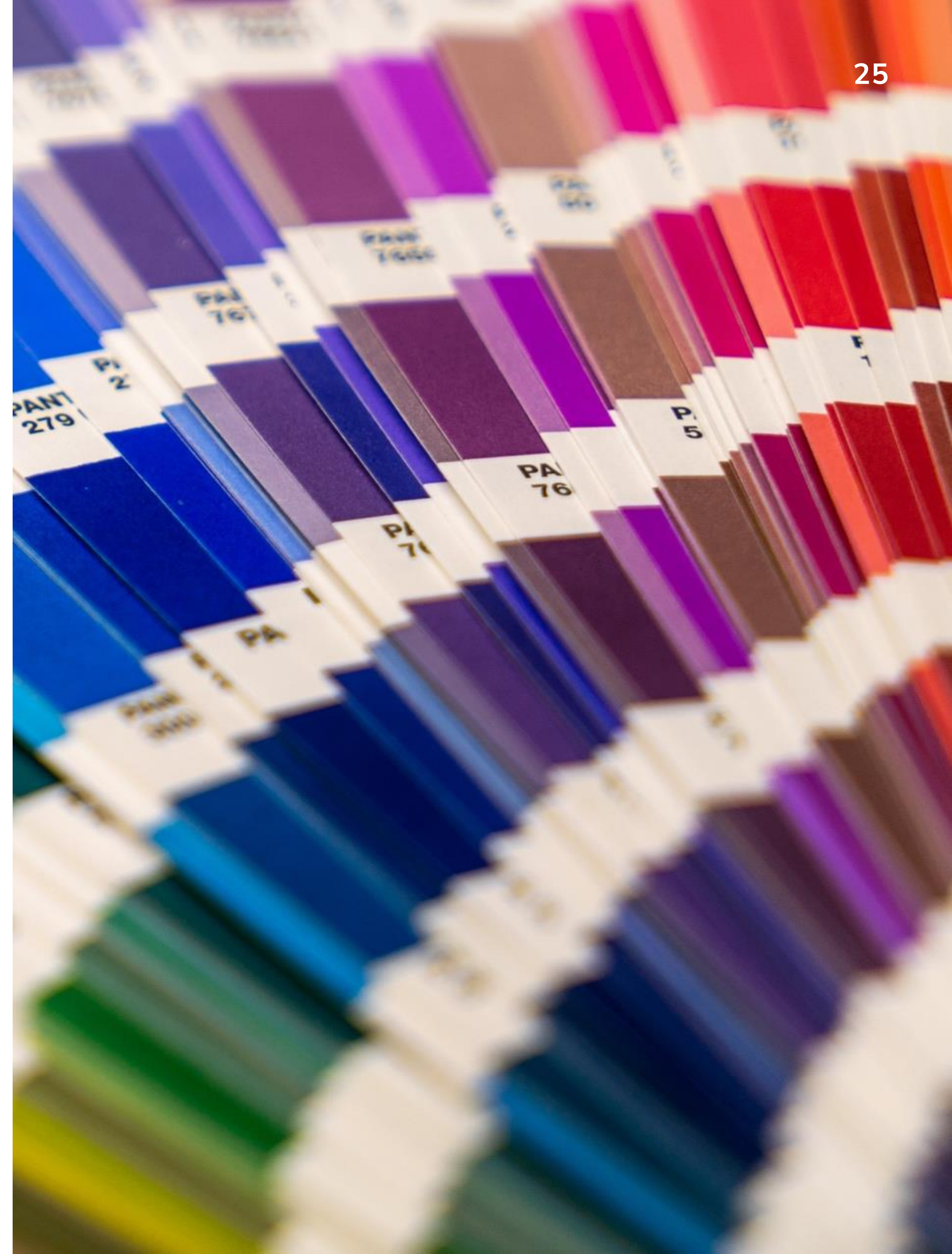


Thermoplastic Compounding

- 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

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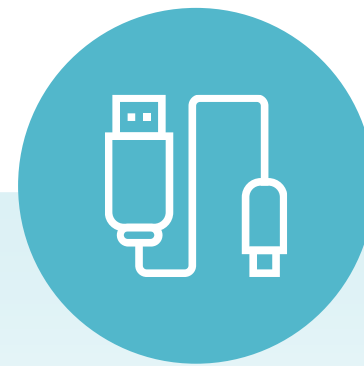
Lab Banbury mixer

MARKETS

OTECH Markets



TPE



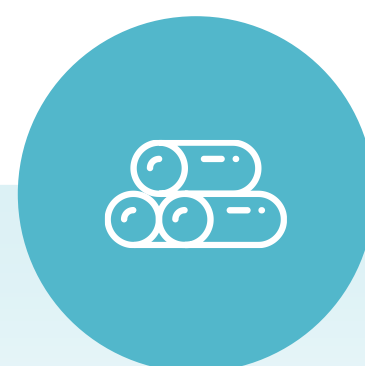
WIRE & CABLE



MEDICAL



CUSTOM
COMPOUNDING



PROFILE
EXTRUSION



FOOTWEAR



MOLDING



TPE

Dedicated & Automated TPE Compounding Lines

Custom TPE Compounds:

- Injection Molding & Extrusion
- FDA
- USP Class VI & others
- Clear, Filled or Color
- SBS, SEBS, TPV, Alloys & Blends, other

O TECH's custom TPE compounds are designed to meet the needs of your unique application. A consumer product will require a soft feel while resisting impact or abrasion. A medical application will demand safety, consistency and strict compliance. Industrial applications must function time and time again under compression or heat. The O TECH team will work to understand the demands of your application to effectively design and manufacture your custom TPE compound.

Plant Automation

Through newly engineered plant automation, O TECH delivers superior lot-to-lot traceability and consistency, and product purity through raw material and finished goods isolation in a fully controlled environment.



Wire & Cable

- OTECH develops, designs, and custom manufactures high-quality specialty PVC compounds, thermoplastic elastomers, and alloys for the electrical wire and cable industry. OTECH provides superior quality, industry-compliant products at competitive prices, and with unmatched service.
- Our engineering grade low-smoke zero-halogen wire and cable compounds and thermoplastics elastomers meet and exceed the most demanding requirements for new wire and cable applications.

Medical

- OTECH's medical grade PVC compounds are the emerging choice in the regulated market for formulations engineered for clear tubing, injection molded parts and film applications. All of OTECH's medical grade compounds are designed and produced for superior clarity, thermal stability and processability in its state-of-the-art segregated medical grade compounding facility.
- Through newly engineered plant automation, OTECH delivers superior lot-to-lot traceability and consistency, and product purity through raw material and finished goods isolation in a fully controlled environment. It offers a full array of EO, Gamma stable compounds for extrusion and injection molding applications.



Profile Extrusion

- OTECH's diversified product line meets your ongoing needs for consistent, competitively-priced extrusion compounds. Respected industry-wide for our new ideas and valuable solutions, we continuously introduce new technologies to enhance your product line.

- PVCs
- TPEs
- TPOs
- TPVs
- TPRs



Footwear

- OTECH has a number of vinyl and non-vinyl options for footwear applications have been developed and feature some very unique properties. The property enhancements from these OTECH compounds for shoe and boot designs, improve wear, surface appearance, weight and chemical resistance.
- OTECH has several SBS and SEBS compounds being used in casual footwear applications including rainboots, utility boots and clogs. These compounds are a light-weight option that may replace some PVC applications.



Molding

- A specialty TPR and PVC molding compound can be designed by OTECH for any molding application. Specialty PVC elastomers, alloys, and TPEs offer alternative materials for “engineered” applications. Each molding compound developed by OTECH offers excellent processability for even the most complex shapes and exacting applications.
- TPR (thermoplastic rubber) and PVC (polyvinyl chloride) are suitable for a variety of uses and operations including, but not limited to:
 - Molding
 - Injection
 - Extrusion
 - Industrial parts



Custom Compounding

- OTECH has a long history of taking on projects where other compounders have already passed. We can work in multiple resin bases to achieve the target properties while developing flexible and semi-flexible compounds for your applications.
- OTECH has recently partnered with another independent compounder to refine a line of conductive and semi-conductive compounds in PVC to dissipate static in applications like floor tile, conveying systems, and others.
- OTECH'S custom compounding approach allowed us to develop specialty calendaring compounds designed for a variety of end uses. We offer PVC, flame retardant/smoke suppressed PVC, PVC/TPU, PVC/Elvaloys, clear PVC, and TPOs for multi-layer roofing, flooring, carpet runner, and clear curtain applications.



THANK YOU