



OTECH

THERMOPLASTIC COMPOUNDING



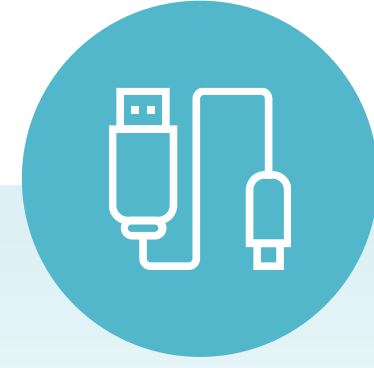
CAPABILITIES

MARKETS

OTECH Markets



TPE



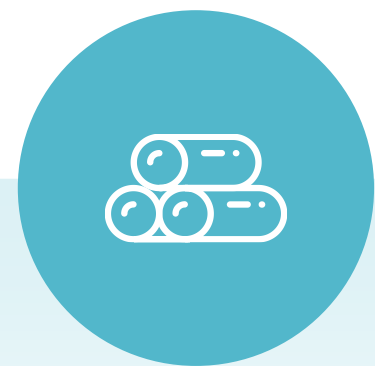
WIRE & CABLE



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

Plant Automation

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.

OTECH'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 OTECH team will work to understand the demands of your application to effectively design and manufacture your custom TPE compound.



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.

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



THANK YOU