

## **RTP Company**

Your Global Compounder of Custom Engineered **Thermoplastics** 

rtpcompany.com • rtp@rtpcompany.com



## **ABOUT RTP COMPANY**

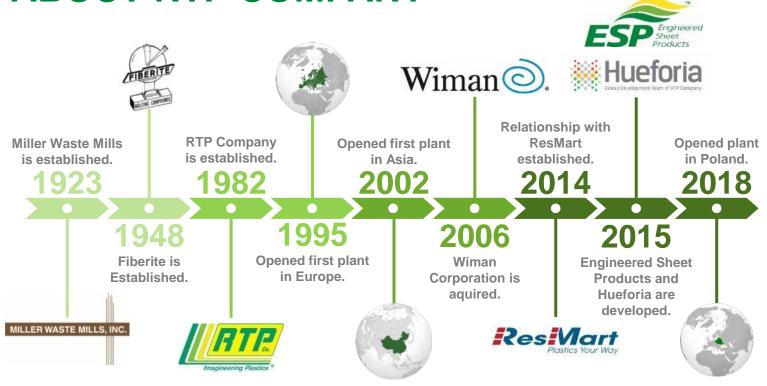
RTP Company is an independent, privately owned thermoplastics compounder with global manufacturing, engineering support, and sales representation.



- ~1,600 employees
- ~\$700 million annual sales



### **ABOUT RTP COMPANY**





## **CUSTOM SOLUTIONS**

# We offer High-Tech Compounds to Unfilled Resins in Pellet, Sheet, or Film format

- 60+ resins
- Hundreds of modifiers
- Broadest range of compounds, from talc PP to nanotube PEEK
- Annual production:

   9,000+ commercial products sold,
   including approximately 1,750+ newly formulated compounds



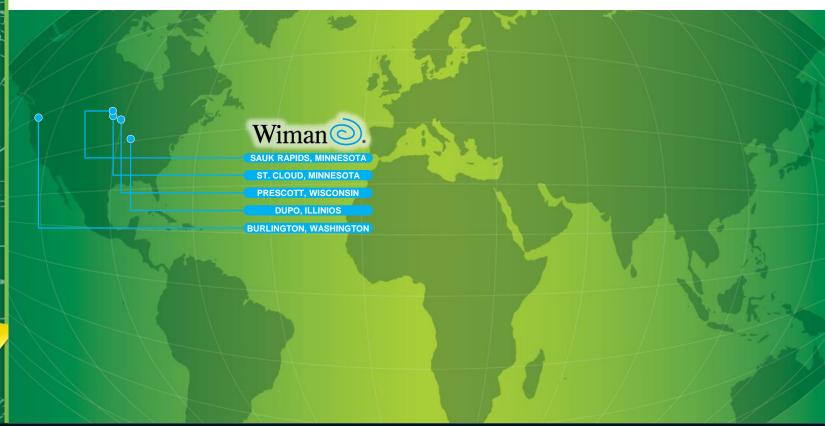


## RTP COMPANY LOCATIONS





## **WIMAN CORPORATION: FILM**





## **OUR CULTURE**

The culture at RTP Company can best be described as...

- Entrepreneurial
- "Bureaucracy-less"
- Generational, long-term thinkers









## **OUR TEAM**

# The team at RTP Company is best known as...

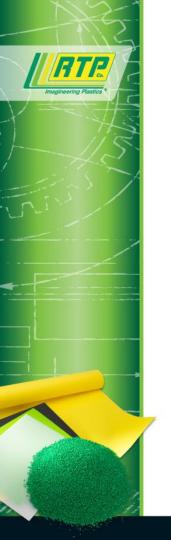
a group of creative problem solvers who understand your needs, formulate solutions, and scale-up production quickly.











## **SALES AND SUPPORT**

We have more than 100 sales and support employees worldwide, including:





## **R&D/PRODUCT DEVELOPMENT**

# Our 70+ Development Engineers, including regional engineers for local support, focus on:

- New resins, additives, and the most current technologies
- Application, product, and process development
- CAE and part design support





## **TECHNICAL SERVICE**

# We have 20+ Technical Service Engineers and Specialists worldwide, that provide...

- Plastic processing trials
  - Injection molding
  - Extrusion
  - Compression molding
  - Cast and blown film
  - Blow molding
  - Rotational molding
- Process optimization
- Problem resolution





## **CUSTOMER SERVICE**

# Our 30+ Customer Service Representatives worldwide are dedicated to serving you with:

- Prompt, personalized attention
- Real-time service, within your region
- On average, 15+ years of experience





## **MARKETS**



Automotive



Consumer Goods



Industrial



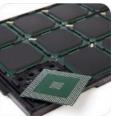
Medical



Agriculture & Non-Automotive Transportation



Electrical/ Electronics



Electronic Packaging & Data Storage



Aerospace & Defense



Infrastructure



Business & Cash Machines



Energy



Appliances



Sports & Leisure



## **OUR GOAL**

# Our goal is to provide you with thermoplastic solutions, including:

- Precise thermoplastic technologies to fit your application requirements
- Plant-to-plant consistency between our ISO: 9001:2015 registered facilities
- Global support wherever you are
- Flexible volumes, from bags to bulk

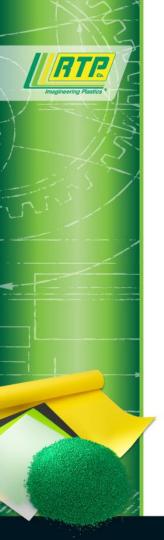












## THE COMPOUNDING PROCESS

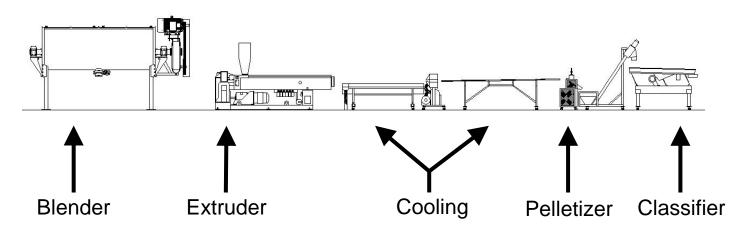


**Raw Materials** 





**Finished Product** 





## **PRODUCT FAMILIES**



Color



Conductive















## **COLOR COMPOUNDS**

### **Product options:**

- Wide range of materials, from PP to PEEK
- Precolors
- Masterbatches
- Cube blends
- With or without functional additives

### **Services:**

Custom color match





Hueforia brings together RTP Company's color experts, technicians, resources, and shared color database to serve designers and OEMs.





## **CONDUCTIVE COMPOUNDS**

### **Anti-static**

Prevents accumulation of static charge



### **Static Dissipative**

Controlled dissipation of static charge



### **EMI/RFI Shielding**

Absorbs/reflects electromagnetic energy



### **Conductive**

Nearly instantaneous charge decay



### **Thermally Conductive**

Either electrically conductive or isolating



### **Conductive Carbon Black**

Optimized dispersion for demanding applications





## FLAME RETARDANT COMPOUNDS

# Broad technology platform

- Halogen-free
- Halogenated
- Technology for 30+ thermoplastic resins



# Meet flammability performance specifications

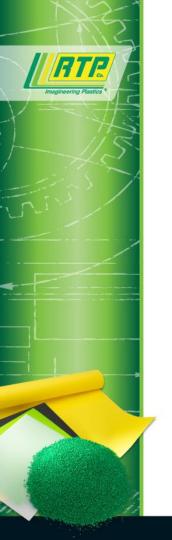




# Obtain regulatory compliance

- UL
- Transportation
- Building & Construction
- Support global standards





## THERMOPLASTIC ELASTOMERS

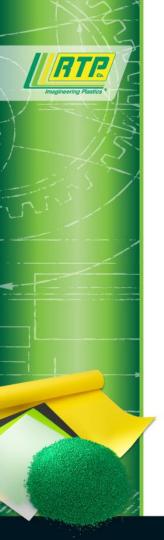
### **Product offering:**

- RTP 2700 Series (SEBS)
- Permaprene<sup>TM</sup> (TPV)
- Polabond<sup>TM</sup> and Nylabond<sup>TM</sup> TPE
- Specialty TPE



RTP Company provides the broadest TPE product portfolio in the market, driving solutions, customization, and service to our customers





## STRUCTURAL COMPOUNDS

### **Fillers**

Talc, mineral, beads, and powder fillers



Value Products

### **Fibers**

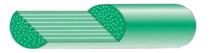
Glass, carbon, and natural fibers



eXtra Performance Technology

### **VLF**

Very Long Fiber reinforcements



Ultra Performance Compounds

### **High Impact**

Rubber modification, toughening

Impact Modified Technology

### **Blends & Alloys**

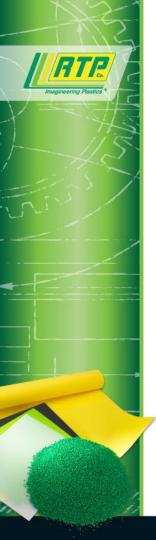
Blends, alloys, and melt-processable performance additives

Structural Effects (FX)
Compounds

### **Density Modified**

Light or heavy; 0.7 g/cm<sup>3</sup> to 11.0 g/cm<sup>3</sup>

Light & Tough Compounds



# WEAR & FRICTION RESISTANT COMPOUNDS

### Solutions for common issues, including:

### Lubrication

Eliminate messy & costly secondary operations



### **Stiction**

Reduce stick-slip phenomenon



### **Noise**

Reduce noise caused by part movement & vibration



### Scratch & Mar

Enhance product quality & customer satisfaction



### **Abrasion**

Enhance abrasion resistance



### **Extreme Conditions**

Withstand high temps, pressure, velocity, & more







# Custom engineered extruded thermoplastic sheet for:

- Thermoforming
- Machining
- Flat stock assembly
- Varying sizes and thicknesses



## Optical quality cast sheet offers these benefits:

- Superior optical performance
- Ballistics properties/impact resistance
- Outstanding balance of properties
- Flexible sizes and gauges





## FILM / Wiman ...

- 50+ years of experience manufacturing custom, flat die extruded film
- Film-to-fabric, and film-to-film
- Laminations up to four layers
- Zero pinholes
- Thicknesses ranging from 5 mil to 0.1870", and widths up to 60"



# Product offering includes (but is not limited to):

- Rigid and Flexible PVC
- Polyolefins
- TPU
- Copolyester
- PMMA
- ABS

Applications include single-use blood pressure cuffs

- PC
- Custom Color, Conductive & ESD, UV Stabilized, and Anti-Microbial properties





### **ECO-FRIENDLY OPTIONS**

### **Recycled Solutions**

- Support zero-landfill initiatives with recycled streams
- Post-Consumer and Post-Industrial recycled options
- Closed-loop recycled options
- Cost effective solutions across all product lines

### **Plant-based solutions**

 Engineered bioplastic compounds based on Polyolefin, Polyamide, and Polyester chemistries





## PARTNERING WITH RTP COMPANY



We invite you to partner with us to create the best thermoplastic solution for your application!



## **THANK YOU!**

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