



RTP Company

**Your Global Compounder of
Custom Engineered Thermoplastics**

RTP Company is a leading global compounder of custom engineered thermoplastics... and so much more! With more than 1,600 employees and over 20 facilities worldwide, we have the expertise and technology to solve your most challenging application requirements. And, as an independent, privately held company, we provide objective, unbiased guidance toward the best thermoplastic solution for your application. We are committed to providing you with solutions, customization, and service for all of your thermoplastic needs.

Whether you need a very specific compound or an unfilled resin, we work with most thermoplastic resin systems and hundreds of modifiers to provide the right solution for you. We offer a wide range of technologies available in pellet, sheet, and film that provide color, conductivity, flame retardancy, structural, elastomeric, and wear and friction resistant properties.

RTP Company at a Glance

- Privately-owned thermoplastics manufacturer
- Leader in custom engineered compounds
- Independent, unbiased product development
- Global representation and distribution
- 20+ facilities worldwide
- ISO 9001 Registered facilities



YOUR GLOBAL COMPOUNDER



Strengthen Your Team ...

with our experienced engineers. We partner with you throughout application development, bringing added creativity and expertise to your design.

Improve Your Design ...

with innovative solutions using leading-edge technologies that provide ideal answers to complex application problems.

Reduce Time to Market ...

with our short lead times. Color matches, engineered samples, and standard production orders are shipped in just 3-10 working days.



Color Solutions

Color is a great way to enhance your plastic product and build brand recognition. We can color match virtually any hue or chroma; in addition, we can add functional technologies like light diffusion or UV protection. Whether you select from our palette of popular, successfully proven Color solutions, or choose a custom formulation, our experienced colorists deliver consistent color every time. RTP Company offers a wide variety of options, including:

- Precolors
- Masterbatches
- Cube blends
- Functional additives

If you need guidance with color selection, we have an excellent new resource: Hueforia, the Colour Development Team of RTP Company. Hueforia brings together RTP Company's color experts, technicians, resources, and shared color database to serve as an outstanding resource for designers and marketing professionals who want to differentiate their plastic products in the marketplace.



Conductive Solutions

We have a broad range of Conductive solutions, ranging from PermaStat® anti-static compounds to EMI/RFI shielding compounds to thermally conductive compounds, depending on your application needs. Whether you want to facilitate conductivity or prevent it, we have a solution for you. Our spectrum of offerings includes:

- Anti-Static Compounds that prevent accumulation of static charge
- Static Dissipative Compounds to control dissipation of static charge
- Conductive Extrusion Compounds that optimize dispersion and extrusion performance
- EMI/RFI Shielding Compounds that absorb or reflect electromagnetic energy
- Conductive Compounds to provide nearly instantaneous charge decay
- Thermally Conductive Compounds, either electrically conductive or isolative, to manage heat build-up



Flame Retardant Solutions

Whether you are developing a new product, entering a new market, or need to reformulate to meet evolving regulations, RTP Company can assist with a wide variety of Flame Retardant solutions. Our Flame Retardant compounds cover a broad technology platform, including:

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

In addition, our Flame Retardant solutions meet flammability performance specifications and allow you to obtain regulatory compliance such as:

- UL
- Transportation
- Building and Construction
- Global standards



Structural Solutions

Structural solutions provide excellent stiffness, strength, impact, and overall toughness – even in extreme temperatures and corrosive environments. The performance spectrum of our portfolio spans from cost-optimized commodities to the highest performing Ultra Performance Compounds, and includes most polymers from Polypropylene to PEEK. Structural integrity can be predicted and preserved to meet your specific end-use requirements by using appropriate fillers, reinforcements, and additive technologies, such as:

- **VLF:** Very Long Fiber reinforcements
- **Fibers:** Glass, carbon, and natural fibers
- **Blends & Alloys:** Blends, alloys, and melt-processable performance additives
- **Fillers:** Talc, mineral, beads, and powder fillers
- **Density Modified:** Light or heavy; 0.7 g/cm³ to 11.0 g/cm³



Thermoplastic Elastomer (TPE) Solutions

We provide Thermoplastic Elastomer solutions, ranging from off-the-shelf resins to complex custom compounds. Whether your application requires a soft, tactile feel or tough, durable performance, our TPE products can be compounded to include a variety of other desirable properties. Our TPE product offerings include:

- The RTP 2700 Series (SEBS), which provide extremely soft to semi-rigid tactile feel
- Permaprene™ (TPV Alloys), for durable goods applications requiring chemical resistance and weatherability
- Polabond® and Nylabond™ TPEs, for excellent overmolding capability
- Specialty TPEs, custom formulated with functional additives for precise performance

Wear and Friction Resistant Solutions

Our Wear and Friction Resistant solutions provide optimal performance of mating parts and materials in motion. We can solve many wear and friction issues such as abrasion, noise, vibration, sliding, external lubrication, scratches, marring, corrosion, or extreme conditions. We offer a wide range of thermoplastic compounds, featuring:

- Abrasion Resistance (ABR)
- Buzz, Squeak, and Rattle (BSR) noise reduction
- Glide FactorSM – a solution for stiction
- Internal lubrication to eliminate external lube and secondary operations
- Surface Protection (SPR) for glossy surfaces
- Extreme performance (enhanced mechanicals, temperature and chemical resistance)



Engineered Sheet Products, for thermoplastics in sheet form

Engineered Sheet Products™ (ESP™) is a division of RTP Company with two dedicated facilities that manufacture specialty engineered thermoplastic sheet in a variety of sizes and thicknesses. Our extruded sheet facility produces thermoplastic sheet with a wide range of additional properties, such as color, anti-static, flame retardant, high temperature, structural reinforcement, and more, while a separate, dedicated cast sheet plant produces high quality, optically clear sheet.

ESP™ sheet is ideal for thermoform, machining, or flat stock for markets such as the electronic, agricultural, automotive, medical, aerospace, military, and defense industries.



Wiman, your source for plastic film

Wiman Corporation, a wholly-owned subsidiary of RTP Company, produces customized, high quality plastic films and film laminates through a flat die extrusion process. This broad line of films ranges from flexible to rigid, and is available in a wide range of thicknesses, with widths up to 60 inches.

Our plastic films and film laminates feature tight tolerances, edge-to-edge consistency, and zero pinholes for the medical, automotive, industrial, secure cards (financial and government), and printing industries.

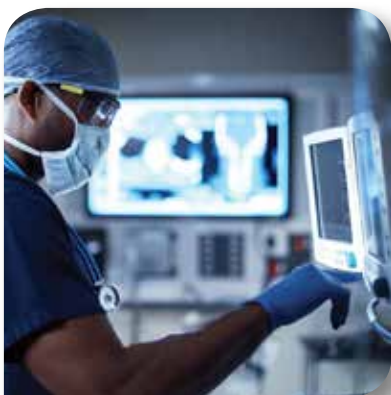




CONSUMER GOODS



SPORTS & LEISURE



MEDICAL



**AGRICULTURAL & NON-AUTOMOTIVE
TRANSPORTATION**



AUTOMOTIVE

*RTP Company serves a wide variety of industries,
and each relies on us to provide outstanding solutions
to their application challenges. In fact, we provide the
thermoplastic technology behind some of the most
famous brands in the world!*



ENERGY



INDUSTRIAL



ELECTRICAL & ELECTRONICS



BUSINESS & CASH MACHINES



DEFENSE & AEROSPACE



Computer-Aided Engineering Support (CAE)

Our dedicated CAE Services team is ready to assist you with technical design issues, from conception of an idea to final part manufacturing. We offer Moldflow® injection molding analysis, structural analysis (FEA), plastic part and mold design assistance, and more!



Hueforia

Hueforia, the Colour Development Team at RTP Company, is comprised of creative colour formulation experts who can assist you with selection from

our standard thermoplastic colours, universal colour masterbatches, specialty performance additives, custom colours, or special effect compounds.



Contract Manufacturing

Using our Contract Manufacturing services, you can enhance your product line with specialty compounds and expand your capacity without increasing your overhead. We can provide you with custom and private-label compounds utilizing a variety of compounding technologies.



ResMart, a partner for unfilled resin

RTP Company is the official sales representative for

ResMart, a distributor of

off-the-shelf, unfilled resins. If you are in need of unmodified resins, we can offer excellent pricing on commodity resins. ResMart is headquartered in Fort Worth, Texas, with several convenient locations throughout the United States.



Moldflow® is a Registered Trademark of Autodesk Inc.

SPECIALTY COMPOUNDS

Specialty compounding is an exacting, yet creative, science. RTP Company enhances these and other resin systems with a wide range of additives and reinforcements. The result is a unique material that meets your design criteria for performance and appearance.

RTP SERIES	BASE POLYMER	ABBR.
100	Polypropylene	PP
200	Nylon 6/6	PA 6/6
200 A	Nylon 6	PA 6
200 B	Nylon 6/10	PA 6/10
200 C	Nylon 11	PA 11
200 D	Nylon 6/12	PA 6/12
200 E	Amorphous Nylon	PA
200 F	Nylon 12	PA12
200 H	Impact-Modified Nylon 6/6	PA 6/6
300	Polycarbonate	PC
400	Polystyrene	PS
500	Styrene Acrylonitrile	SAN
600	Acrylonitrile Butadiene Styrene	ABS
700	High Density Polyethylene	HDPE
700 A	Low Density Polyethylene	LDPE
800	Acetal	POM
900	Polysulfone	PSU
1000	Polybutylene Terephthalate	PBT
1100	Polyethylene Terephthalate	PET
1200 S	Ester-based Thermoplastic Elastomer	TPUR
1200 T	Ether-based Thermoplastic Elastomer	TPUR
1300	Polyphenylene Sulfide	PPS
1400	Polyethersulfone	PES
1500	Polyether-Ester Block Copolymer (TPE)	TEEE
1700	Modified Polyphenylene Oxide	PPO
1800	Acrylic	PMMA
2000	Bioplastics Compounds and Custom Alloys	

RTP SERIES	BASE POLYMER	ABBR.
2100	Polyetherimide	PEI
2200	Polyetheretherketone	PEEK
2200 A	Polyetherketone	PEK
2300	Rigid Thermoplastic Polyurethane	RTPU
2500	Polycarbonate/ABS Alloy	PC/ABS
2600	Thermoplastic Polyolefin Elastomer (TPE)	TEO
2700	Styrenic Block Copolymer (TPE)	TES
2800 B	Thermoplastic Vulcanizate Elastomer	TPV
2900	Polyether-Block-Amide (TPE)	PEBA
3000	Polymethylpentene	PMP
3100	Perfluoroalkoxy	PFA
3200	Ethylene Tetrafluoroethylene	EFTE
3300	Polyvinylidene Fluoride	PVDF
3400	Liquid Crystal Polymer	LCP
3500	Fluorinated Ethylene Propylene	FEP
3900	Polyetherketoneetherketoneketone	PEKEKK
4000	Polyphthalamide	PPA
4000 A	Hot Water Moldable Polyphthalamide	PPA
4100	Polyetherketoneketone	PEKK
4200	Thermoplastic Polyimide	TPI
4300	Polysulfone/Polycarbonate Alloy	PSU/PC
4400	High Temperature Nylon	HTN
4500	Polyketone	PK
4600	Syndiotactic Polystyrene	SPS
4700	Polytrimethylene Terephthalate	PTT
5000	Polyamide-Imide	PAI
6000	Specialty Thermoplastic Elastomer	TPE

OUR COMMITMENT TO YOU

Although RTP Company has more than 1,600 employees, we are a close-knit, family-oriented organization that is single-mindedly committed to providing you with the precise solution you need for an outstanding thermoplastic part or product. As a privately held company, we have a shared interest in responding to your needs quickly, without a lot of bureaucracy or internal hurdles to overcome.

With more than 2 million square feet of production space around the globe, hundreds of extruders, and millions of

pounds of capacity, we are well equipped to serve you with consistent thermoplastic materials, wherever your facilities may be located. No other plastics company has the unique resins, additives, compounds, equipment, expertise, or service that you'll find at RTP Company.

But what makes us really special is our people... our dedicated staff cares for your company, and delivers personalized service, every day. From made-to-order high tech custom compounds to off-the-shelf, unfilled resins, we are here to help your business succeed!

Contact your local RTP Company representative today, or visit www.rtpcompany.com.



**STRUCTURAL • ELASTOMERS • WEAR • COLOR
CONDUCTIVE • FLAME RETARDANT • FILM/SHEET**

Your Global Compounder of Custom Engineered Thermoplastics

RTP COMPANY is committed to providing you with solutions, customization, and service for all of your thermoplastic needs. We offer a wide range of technologies available in pellet, sheet, and film that are designed to meet even your most challenging application requirements.

COLOR

Color inspires, energizes, and builds brand recognition, and choosing the right supplier is as important as selecting the right color. We offer color technology options in standard precolored resins or custom compounds, UniColor®, Masterbatches, or cube blends.

CONDUCTIVE

We offer compounds for electrostatic discharge (ESD) protection, EMI shielding, or PermaStat® permanent anti-static protection. Available in particulate and all polymeric-based materials, these compounds can be colored as well.

FLAME RETARDANT

Whether you are developing a new product or need to reformulate due to ever-changing regulations, we can custom engineer a flame retardant material with the exact properties you require.

STRUCTURAL

Our reinforced structural compounds can increase strength, stiffness, and provide resistance to impact, creep, and fatigue. Ideal for metal or other material replacement, our formulas can be customized to meet cost and performance targets.

TPE

Our thermoplastic elastomers provide rubber-like performance with the processing benefits of thermoplastic resin. We offer a wide range of options, from standard, in-stock resins to custom compounds designed to meet your specifications.

WEAR AND FRICTION RESISTANT

Our wear and friction resistant thermoplastic compounds can incorporate internal lubricants to reduce wear and friction, thereby lengthening the service life of your application and reducing your processing costs.

No information supplied by RTP Company constitutes a warranty regarding product performance or use. Any information regarding performance or use is only offered as a suggestion for investigation for use, based upon RTP Company or other customer experience.

RTP Company makes no warranties, expressed or implied, concerning the suitability or fitness of any of its products for any particular purpose. It is the responsibility of the customer to determine that the product is safe, lawful and technically suitable for the intended use. The disclosure of information herein is not a license to operate under, or a recommendation to infringe on any patents.

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