



'TORAY'
Innovation by Chemistry

CARBON FIBER & ADVANCED COMPOSITES

'TORAY'
Innovation by Chemistry



AT A GLANCE

Head Office

Tokyo, Japan

Established

1926

Paid-in Capital

147,873 million yen



Subsidiaries / Affiliates

310 (OVERSEAS: 196, JAPAN: 114)

Employees

48,682

Consolidated Net Sales

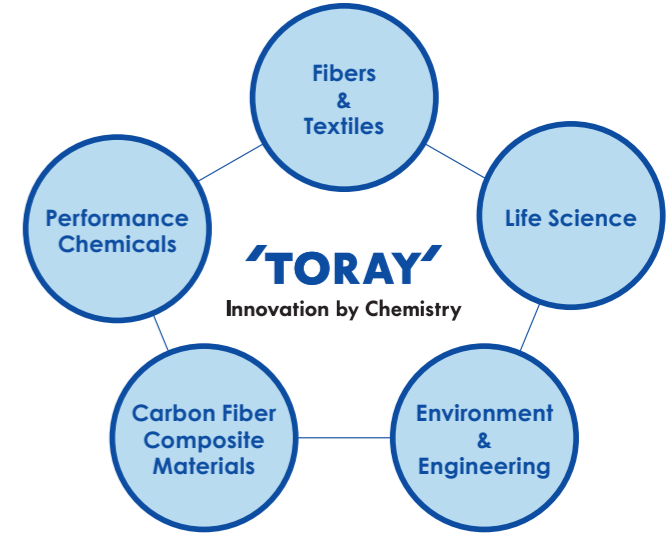
2,489.3 billion yen

As of March 31, 2023

ABOUT TORAY

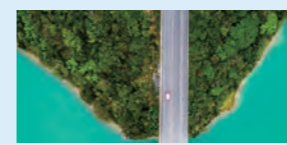
Toray Group strongly believes in making a meaningful contribution to society. In accordance with this, we offer innovative technologies and advanced materials to our partners around the world so that together we can provide optimal market solutions.

Corporate Philosophy
Contributing to society through the creation of new value with innovative ideas, technologies and products



SUSTAINABILITY VISION

Goals : A Better World in 2050



A net zero emissions world, where greenhouse gas emissions are completely offset by absorption



A world where resources are sustainably managed

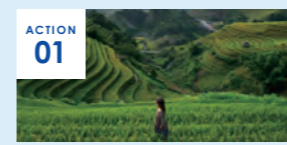


A world with a restored natural environment, with clean water and air for everyone



A world where everyone enjoys good health and hygiene

Taking Action : Today's Challenges



ACTION 01
Accelerating measures to counter climate change



ACTION 02
Realizing sustainable, recycling-based use of resources and production



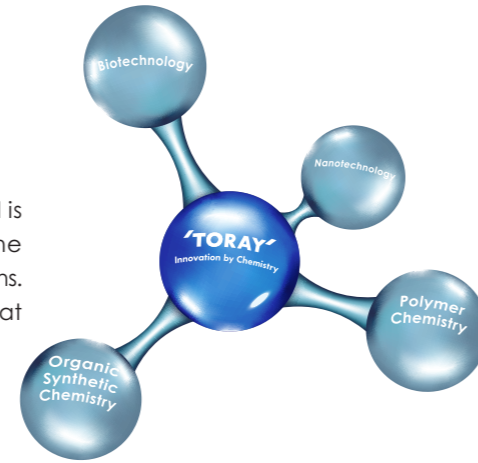
ACTION 03
Providing clean water and air



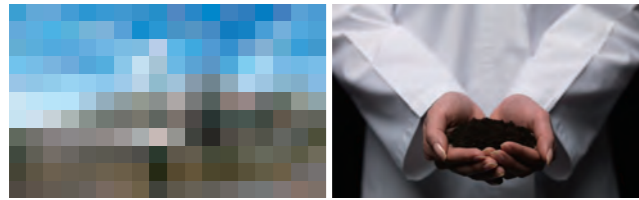
ACTION 04
Contributing to better medical care and hygiene for people worldwide

TORAY'S R&D

"The Deeper, the Newer." This key phrase has been passed down at Toray and is part of the DNA of our researchers and engineers. The concept underlying the phrase is that by digging deep into something, we reach new discoveries and inventions. With this in mind, we continuously challenge ourselves to create innovations that offer both social and economic value.



Commitment to Basic Research



We prioritize basic research that is based on a grand vision for society and recognizes the value of materials, while remaining uninfluenced by short-term trends. This provides a fertile foundation for the continued creation of innovative and advanced materials like our carbon fibers and reverse osmosis membranes.

Long-term and Ongoing Efforts in Pursuing the Ultimate Limits

Our commitment to the steadfast pursuit of R&D is expressed in our persistent and long-term efforts to unlock the ultimate potential of technology and advanced materials. We believe this "super-continuity" approach spurs innovation.



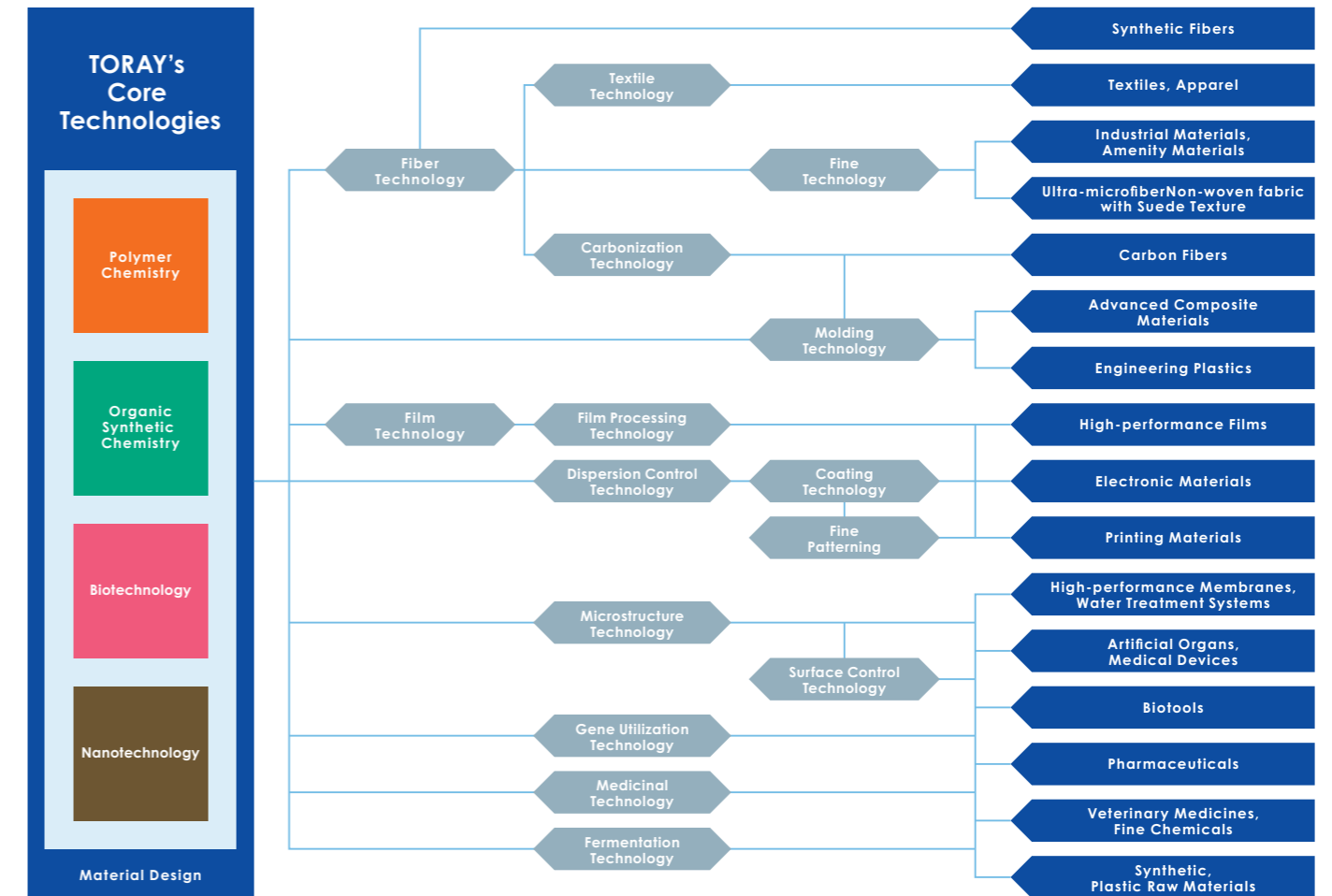
Undivided R&D Organization

Toray has centralized all of its R&D functions into a single organization called the Technology Center. Bringing together specialists from many fields, this unified R&D organization encourages new innovation by integrating technologies. At the same time, it enables Toray to exhibit its combined strength by actively exploiting techniques and knowledge from many fields to solve problems in a single business area.



TORAY'S TECHNICAL FIELDS

Toray's core technologies are "organic synthetic chemistry," "polymer chemistry," "biotechnology" and "nanotechnology." Based on these, we are creating advanced materials and developing businesses in the fields of electronics & information materials, carbon fiber composite materials, pharmaceuticals, medical devices, and water treatment.



World-Leading Carbon Fiber

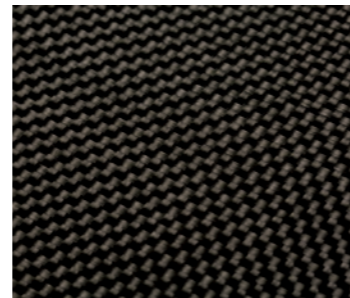
Toray began production of TORAYCA® PAN-based carbon fiber in 1971, and has since become recognized as the de facto standard for technical excellence and quality for carbon fiber across aerospace, sporting goods, motorsport and industrial applications.

TORAYCA® carbon fiber exhibits exceptional mechanical properties, excellent processability and is available from a secure and stable supply chain, globally.



A Comprehensive Range of Products and Vertical Integration

Toray supplies the most comprehensive range of carbon fiber materials in the market, covering high-performance premium fiber for aircraft applications, to the cost-competitive large tow, large volume fiber produced by our subsidiary Zoltek. Our capabilities also include fabric, prepreg, and intermediary materials thanks to strategic investments in technology and processing capabilities. Toray's prepreg technology spans both thermoset and thermoplastic chemistries, strengthened by our acquisition of TenCate Advanced Composites in 2018 (which has since changed its name to Toray Advanced Composites in 2019). Additionally, Toray brings customized and tailored material solutions by working in partnership with our customers, to ensure the right solution for the job and to support the advancement of composite materials in the market.



Global Operations / Local Support

Toray manufactures TORAYCA® carbon fiber globally in Japan, Korea, France and the USA, ensuring a stable supply and responsive deliveries based on local operations. Intermediate material production sites have also been established across Asia, Europe, and America, ensuring full, vertically-integrated supply chains on a local level.



Contributing to the Creation of New Value and a Sustainable Future Through Technology and Collaboration

Harnessing technical knowledge and expertise gained through over 40 years in the composites industry, Toray continues to support and invest in the progression of composite material technology together with its customers, industry partners and tech-

nology institutes. Our in-house technical expertise across the composite value chain, and our extensive technology portfolio across thermoplastic and thermoset technologies foster workable innovations across the composite material supply chain.

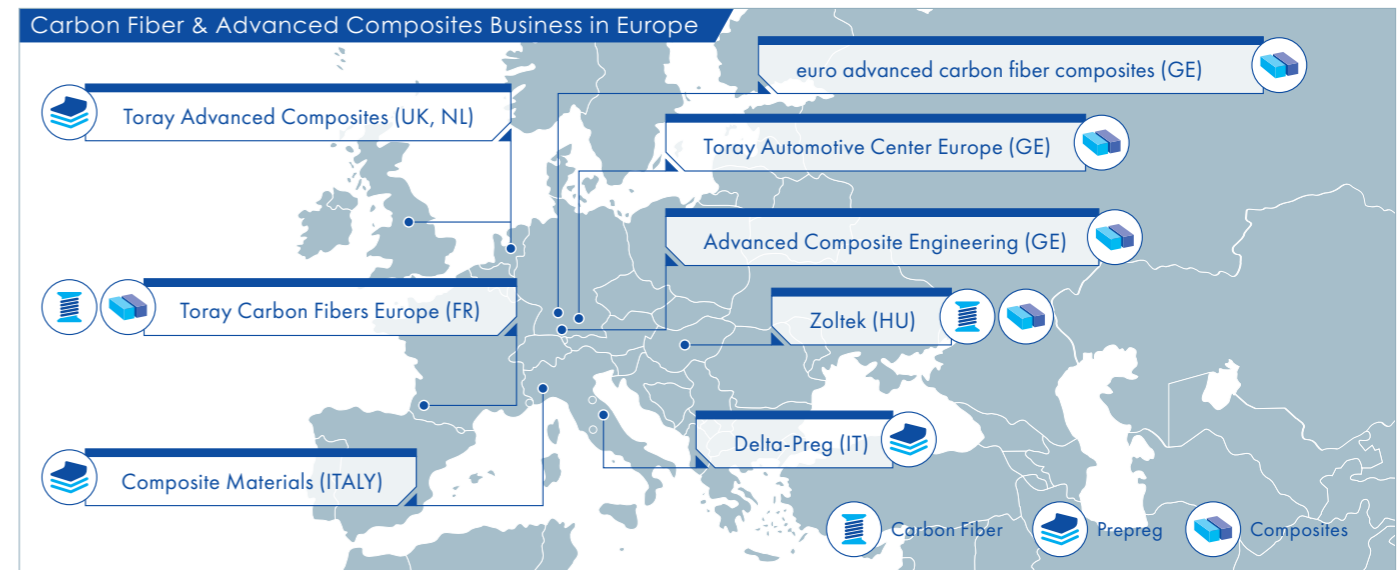
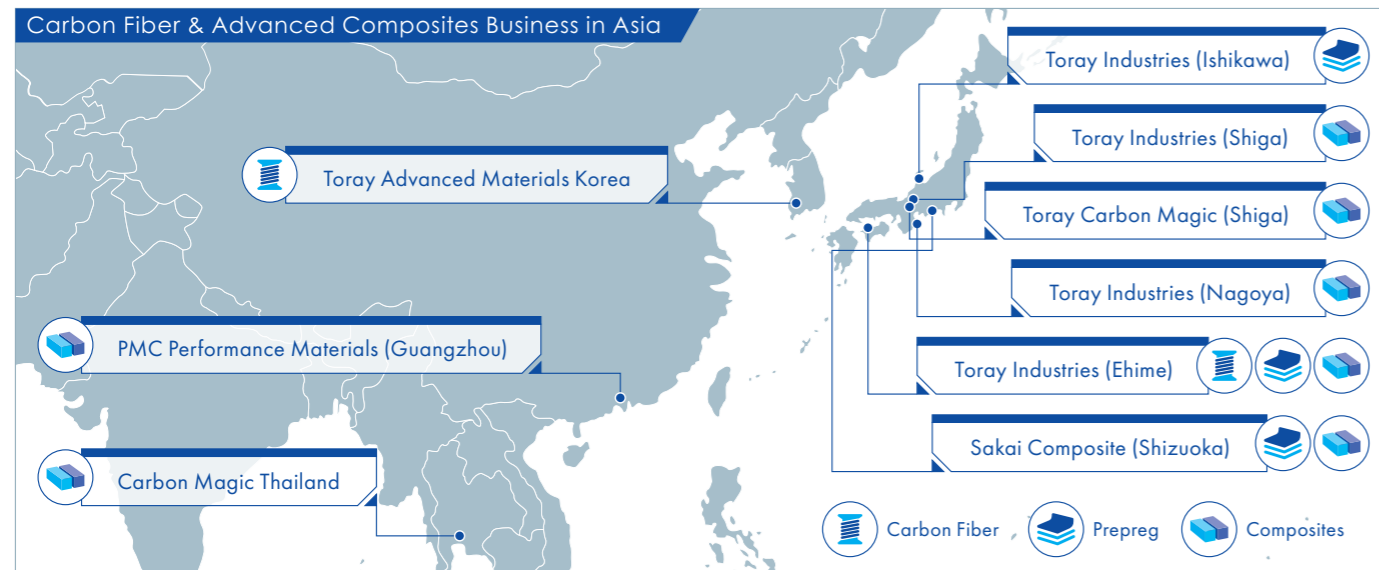
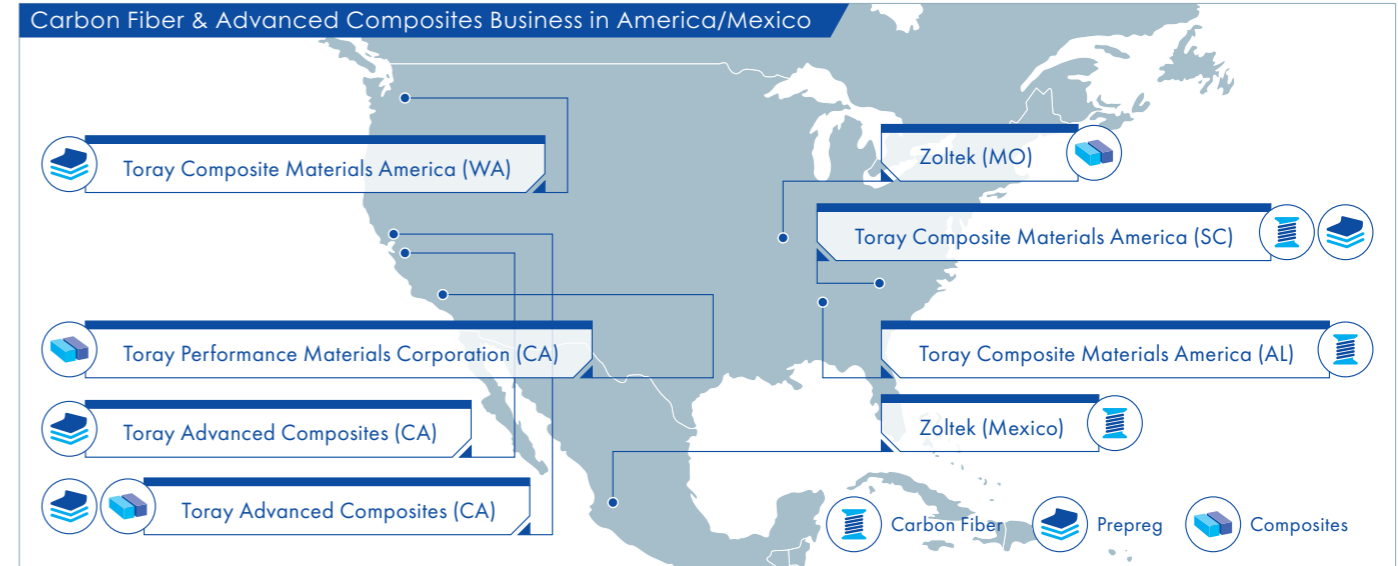
Toray's Value in Major Applications

Mobility (Aerospace)	Mobility (Automotive)	Energy	Quality of Life	Recycling
<ul style="list-style-type: none"> Toray materials are available in many product formats (CF, Fabric, Thermoset/Thermoplastic Prepreg, UD Tape, Laminate, etc.) and are compatible with various processing technologies, including AFP/ATL, RTM, Autoclave, OoA/VBO, and Press Molding. Our extensive material databases have been trusted by customers for over 30 years and help shorten development cycle times. Toray is working to solve urban traffic issues with its UAM development. 	<ul style="list-style-type: none"> Toray materials are available in many product formats (TORAYCA® Regular Tow/ZOLTEK™ Large Tow CF, Fabric, Thermoset/Thermoplastic Prepreg, ET40 Prepreg, Chopped Fiber, CF-SMC, etc.) and are compatible with various processing technologies, including High Cycle RTM, Autoclave, OoA, Press Molding, and Injection Molding. Toray proposes cost-competitive solutions for mass-market cars, while achieving weight reduction by supporting designs for CFRP and multi-material compositions with metal. Toray improves the reliability of composite material performance by providing simulation technology for structures and processes, such as the draping of dry textiles and flow of CF-SMC. 	<ul style="list-style-type: none"> Toray contributes to creating a sustainable world by supplying ZOLTEK™ large-tow carbon fiber PX35, for wind turbine blade applications and TORAYCA® carbon fiber for CNG tank applications as de facto standard materials. Toray will focus more on supplying materials for CHG tank applications, both for carbon fiber used in cylinder reinforcement and electrode base materials for fuel cell systems. 	<ul style="list-style-type: none"> Over the years, Toray has contributed to improving quality of life in the fields of sports, marine products, civil engineering, consumer electronics, and more. Toray will focus more on creating new innovations for applications used in medicine, nursing, and space & communication with its composite solutions. 	<ul style="list-style-type: none"> Toray contributes to creating a sustainable world through recycling technology used in both its thermoset and thermoplastic composite products.

VERTICAL INTEGRATION AND GLOBAL OPERATIONS

As a world leader in carbon fiber and advanced composites, Toray has established a vertical integrated supply chain and is fully committed to supporting our customers by providing reliable performance, a stable supply and responsive deliveries of products.

Base	Carbon Fiber	Intermediate Material / Prepreg, Fabric, etc.	Composite / Molded Products
Japan Asia	Toray Industries (Ehime, JAPAN)		
		Toray Industries (Ishikawa, JAPAN)	Toray Industries (Shiga, Nagoya, JAPAN)
		Sakai Composite (JAPAN)	
	Toray Advanced Materials Korea (KOREA)		Toray Carbon Magic (Japan & Thailand) PMC Performance Materials (CHINA)
USA Mexico	Toray Composite Materials America (USA)		
	Zoltek de Mexico (MEXICO)	Zoltek Corporation (USA)	
		Toray Advanced Composites (USA)	
			Toray Performance Materials Corporation (USA)
France Italy Germany Netherlands Hungary	Composites Materials (ITALY)		
	Toray Carbon Fibers Europe (FRANCE)	Delta-Tech / Delta-Preg (ITALY)	
		Toray Advanced Composites (UK, NL)	
	Zoltek (HUNGARY)	euro advanced carbon fiber composites (GERMANY)	
		Toray Carbon Fibers Europe (FRANCE)	
	Zoltek (HUNGARY)		
		Advanced Composite Engineering (GERMANY)	



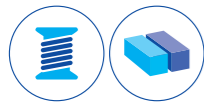
GROUP COMPANY BUSINESSES



TORAY COMPOSITE MATERIALS AMERICA (CMA)

CMA's Tacoma plant began producing carbon fiber prepregs in 1992 adjacent to Boeing's Composite Manufacturing Center to enable an efficient supply stream of Toray's carbon fiber composite materials for Boeing and other customers in America. First used on the Boeing 777, its prepreg is now incorporated into the 777 and 787 primary structures and will be used on the new 777X wing. CMA's Decatur plant started precursor

and carbon fiber production in 1997 and has a diverse base of customers in the aerospace, defense, industrial, and automotive industries. CMA's newest plant in Spartanburg will be an integrated facility producing precursor, carbon fiber and prepreg in a single manufacturing facility. This plant will be a cornerstone of Toray's growth in North America and will address critical supply chain redundancies and diversification.



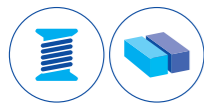
TORAY CARBON FIBERS EUROPE (CFE)

CFE began producing carbon fiber in 1982 in France and has forged a reputation as the European leader in the carbon fiber market, providing premium products under the TORAYCA® brand name that were developed to suit the varying needs of aerospace and other industries. Its strategy is to continue expanding sales in new and existing markets by working in close partnership with its customers as well as Toray group companies and producing high-quality carbon fiber, composites materials and Advanced Towpreg.



TORAY ADVANCED MATERIALS KOREA (TAK)

TAK produces TORAYCA® carbon fiber in Korea for customers in Asia as well as customers worldwide. The fiber is used for various industrial applications, such as pressure vessels, automobiles, civil engineering works, and sports & leisure products. It also closely communicates with Toray Japan and its Asian sales channels to develop new business.



ZOLTEK

ZOLTEK is a global leader in the production of industrial grade large tow carbon fiber and carbon fiber intermediate products for use in wind turbine blades, automotive parts, thermoplastic compounding, offshore drilling, civil engineering, marine works, and various other commercial products.

Since 2014, Zoltek has been a member of the Toray group and has expanded its production capacity to meet the world's growing demand. It is expected that large tow carbon fibers will be used more frequently in automobile structures in the future.



TORAY ADVANCED COMPOSITES (TAC)

Toray Advanced Composites, acquired by Toray in July 2018, is a leader in the development and manufacture of a wide range of thermoset and Toray Cetex® thermoplastic-based advanced composite materials. With 4 manufacturing sites throughout Europe and the US, Toray Advanced Composites supplies a portfolio of prepregs in fabric, unidirectional tape, bulk molded compounds and reinforced thermoplastic laminate formats for use in aerospace, satellite and communication, space, motorsport and high-performance industrial applications. Additionally, Toray AmberTool® tooling prepregs have over 25 years of history in providing composite tooling material solutions.



COMPOSITE MATERIALS (ITALY) (CIT)

CIT manufactures woven carbon, special fabrics, multiaxial, prepregs and unidirectional tapes. It also formulates and applies its own resins, mainly epoxy and phenolic, as well as other formulations depending on the designated use and areas of application, such as in industrial, aerospace, automotive, sports and leisure, medical, and civil engineering fields. Its approach to composites is both specific and global, translating the

customer's specific requirements into a product offer that satisfies their specific need, in the most efficient and effective way. This is made possible thanks to its ability to manage the entire production process. It has testing laboratories, weaving and impregnating equipment, and a staff of specialized engineers who understand the specific applications and customer requests in order to design the most suitable solution, all in-house.



euro advanced carbon fiber composites (eacc)

eacc stands for innovation, expertise and cultural diversity. eacc primarily manufactures CFRP/GFRP visible automotive parts such as tailgates/decklids, front bonnets and wheel arches with a focus on large parts – innovative designs and new surfaces such as recycled carbon or special 3D structures are our strongpoint. In the field of electromobility, we offer lightweight CFRP components such as battery housings and special components for high-performance electric motors. We have also been supporting non-automotive sectors such as medical technology, transport, wind energy and the food industry with future-oriented products for several years now. eacc manufactures carbon components precisely to customer specifications, in the highest quality, efficiently and in a robust RTM/SMC/PCM process. Our portfolio also includes development activities such as concept creation, material selection, product design and FEA, collaborating with the customer from initial development across series production.



DELTA-TECH / DELTA-PREG (DELTA)

DELTA-PREG is a prepreg manufacturer, whose unique products are developed and engineered by parent company DELTA-TECH. Both companies have been members of Toray Group since 2015. DELTA is highly rated for its strongly customer-oriented and responsive attitude, offering the composite market an extensive portfolio of prepregs as well as on-site technical support. Mechanical characterizations from its internal testing facilities are also available upon customer request, while internal R&D constantly works to meet new market requirements. Its prepregs are widely used in the high-end automotive industries globally, as well as in racing cars and bikes, sports and leisure and the industrial sector.



TORAY CARBON MAGIC (TCM)

TCM is an expert in making full use of the weight-reducing designs and technologies and the carbon fiber reinforced plastic molding and processing technologies that have been cultivated through years of race car development. It dramatically improves the performance of various parts and structures used in various industries, such as automobiles, motorcycles, aircraft, aerospace, drones, railways, industrial equipment, medical equipment, and sports. This is due its expertise in design, analyses, trial production, and mass production of precision and complicated parts and large structures. Its products are developed, designed, and prototyped in Japan and mass-produced at its subsidiary in Thailand, Carbon Magic Thailand, with optimized processes and cutting-edge equipment.



TORAY PERFORMANCE MATERIALS CORP. (TORAY PMC)

TORAY PMC, a subsidiary of TORAY ADVANCED COMPOSITES, produces components from thermoplastic composite materials. Its Toray CFRT® composites have unique attributes, and when used strategically, can reduce weight significantly while increasing stability, strength and resiliency. They are tunable from one end of the component to the other. Toray PMC works with its customers to design custom parts that are truly engineered. It provides engineering services related to design, development, analysis and production of components from continuous fiber reinforced thermoplastic composites. Its focus is on performance, cost, aesthetics, quality and manufacturability.

CARBON FIBER PORTFOLIO

Toray supplies the most comprehensive range of carbon fiber materials in the market, covering high-performance premium fiber for aircraft applications, to the cost-competitive large tow, large volume fiber produced by our subsidiary Zoltek.



FEATURES

M55J

- ▶ Ultra high modulus fiber
- ▶ Suitable for satellite and high-end industrial use
- ▶ Industrial standard for large scale satellites and high end automobiles

PX35

- ▶ Standard for large tow fiber
- ▶ Available both in continuous fiber and chopped fiber

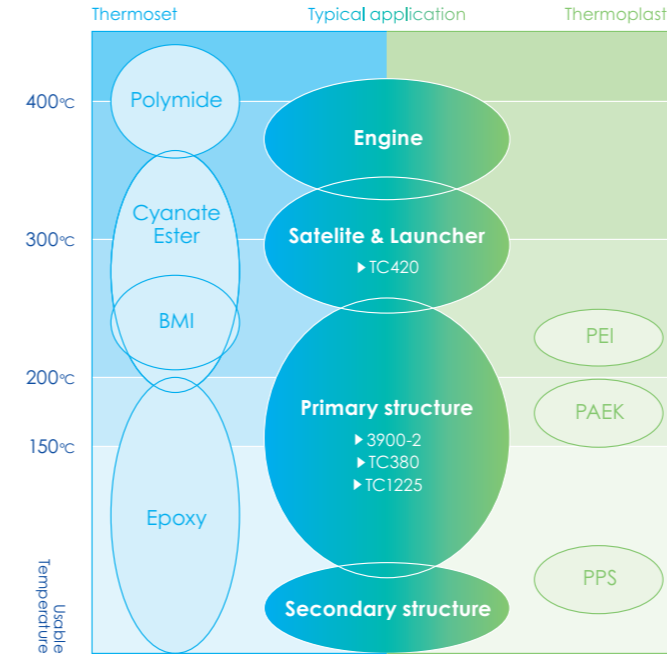
T1100G/S

- ▶ "State of the art" high tensile strength among Toray's intermediate modulus fiber lineup
- ▶ Suitable for high-end applications

RESIN PORTFOLIO

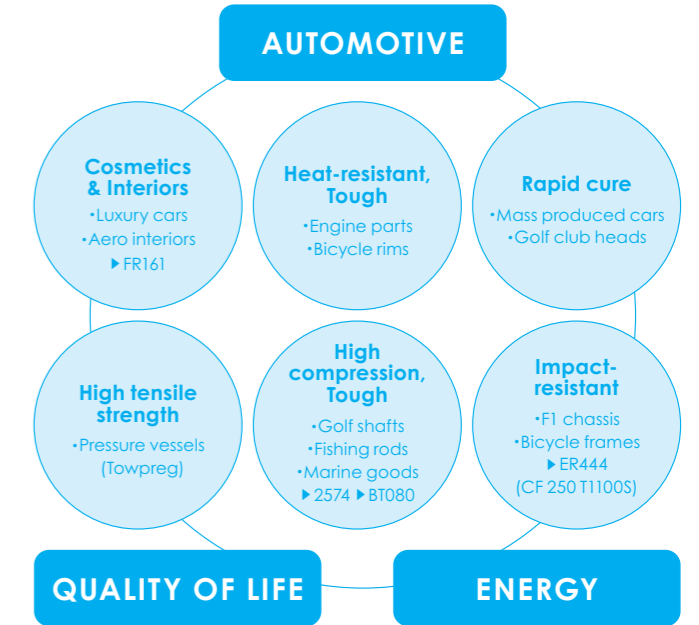
▶ learn more on the following pages

We supply a comprehensive range of resin and prepreg lineups for aerospace, sports & broad industrial applications.



Aerospace Applications

We have both thermoset and thermoplastic resins from low to high usable temperature grades to cover all typical aerospace applications.



Sports & Industrial Applications

We have various resin and prepreg grades to meet a wide range of different requirements, particularly from sport and industrial markets based on specifications other than usable temperature.



RESIN PORTFOLIO HIGHLIGHTS :

Aerospace

Primary Structure: Epoxy - 3960 : Toray Composite Materials America -

01

Product Information

Resin type

Epoxy

Features

- Proven technology
- Highly toughened
- Flexible layup methods

Process

Autoclave & Over Cure

Offered by

Toray Composite Materials America

Other Lineups

2510 (Toray Composite Materials America)
2511 (Toray Composite Materials America)
3900 (Toray Composite Materials America)

Applications

- Primary aerostructures
To be registered in CMH-17 (Q4 2025)

Maximum Service Temperature	130°C
Typical Cure Temperature	180°C
Typical Cure Cycle	120 minutes @ 180°C
Post-cure (when needed)	-
Shelf life	42 days

Primary Structure: Epoxy (OoA) - TC380 : Toray Advanced Composites -

02

Product Information

Resin type

Epoxy

Features

- Excellent open hole compressive strength
- High CAI strength 289 MPa (42 ksi)
- Excellent hot/wet strength retention

Process

Autoclave OoA/VBO

Offered by

Toray Advanced Composites

Other Lineups

TC275-1 (Toray Advanced Composites)
2510 (Toray Composite Materials America)
2511 (Toray Composite Materials America)
3960 (Toray Composite Materials America)

Applications

- Launchers
- Aerostructures



Aerostructures

Maximum Service Temperature	120°C
Typical Cure Temperature	180°C
Typical Cure Cycle	60 minutes @ 107°C + 120 minutes @ 180°C
Post-cure (when needed)	Possible
Shelf life	Up to 28 days at ambient temperature

Primary Structure: Thermoplastics - Toray Cetex® TC1225 : Toray Advanced Composites -

03

Product Information

Resin type

Engineered PAEK (PolyArylEtherKetone) Thermoplastics

Features

- Relatively low processing temperature enables shorter cycle times
- Excellent toughness and Compression After Impact (CAI) resistance
- Very low moisture absorption

Process

ATL/AFP – Autoclave/OoA/Press Molding

Offered by

Toray Advanced Composites

Other Lineups

TC1100 (PPS, Toray Advanced Composites)
TC1200 (PEEK, Toray Advanced Composites)
TC1320 (PEKK, Toray Advanced Composites)



Fuselage Structures

Applications

- Aerostructures

Maximum Service Temperature	130°C
Process Temperature Range	320–380°C
Shelf life	Indefinite at ambient temperature

High Temperature Materials: Cyanate Ester TC420: Toray Advanced Composites

04

Product Information

Resin type

Cyanate Ester

Features

- Excellent elevated temperature properties
- Elevated glass transition properties with post cure

Process

Autoclave, or Out of Autoclave

Offered by

Toray Advanced Composites

Other Lineups

RS8-HT BMI, RS51 PI

Applications

- High temperature aerostructures
- Aircraft engines



Spacecraft Heatshield

Maximum Service Temperature	260°C continuous 315°C short term
Initial Cure Temperature	180°C
Typical Cure Cycle	120 minutes @ 80°C + 90 minutes @ 235°C (post cure)
Post-cure (when needed)	Possible
Shelf life	Up to 21 days at ambient temperature

RESIN PORTFOLIO HIGHLIGHTS :

Sports & Industry

Racing & Automotives - ER450(CF 280 T1100S) : Composite Materials (Italy) -

Product Information

Resin type

Epoxy

Features

- T1100S fiber based fabric
- The best performing prepreg for F1 chassis

Process

Autoclave

Offered by

Composite Materials (Italy)

Applications

- F1



F1 Chassis Side Intrusion Panel

Tg (DMA)	145°C
Typical Cure Temperature	80°C-180°C
Typical Cure Cycle	120 minutes @ 135°C
Post-cure (when needed)	-
Shelf life	45 days

Sports - 2574 : Toray Industries -



Product Information

Resin type

Epoxy

Features

- High compressive properties

Process

- Autoclave
- Oven
- Hot press molding

Offered by

Toray Industries

Applications

- Sporting goods
- General industry



Sumitomo Rubber XXIO 11 • Pinarello DOGMA F12

Tg E'(DMA)	130°C
Cure Temperature Range	130°C
Typical Cure Cycle	120 minutes @ 130°C
Post-cure (when needed)	-
Shelf life	30 days

Marine Applications - BT080 : Delta-Preg -

Product Information

Resin type

Epoxy

Features

- High compressive properties

Process

- Oven (Out of Autoclave)
- Autoclave

Offered by

Delta-Preg

Applications

- Marine
- General industry



Marine Applications

Tg (DMA)	140°C
Cure Temperature Range	80°C-120°C
Typical Cure Cycle	12 hours @ 80°C (OoA)
Post-cure (when needed)	60 minutes @ 120°C
Shelf life	60 days

Interior - FR161 : Delta-Preg -

Product Information

Resin type

Epoxy

Features

- Flame retardant system to meet the below regulations.

Regulation	Category
EN45545-2	- Flammability - Heat Release - Smoke Density - Gas Toxicity
FAR 25.853	- Flammability - Heat Release - Smoke Density
UL-94	- V-0

- Good mechanical performance

Process

Autoclave, Press molding

Offered by

Delta-Preg

Applications

- Aero interiors
- Railway



Aero Interior Applications

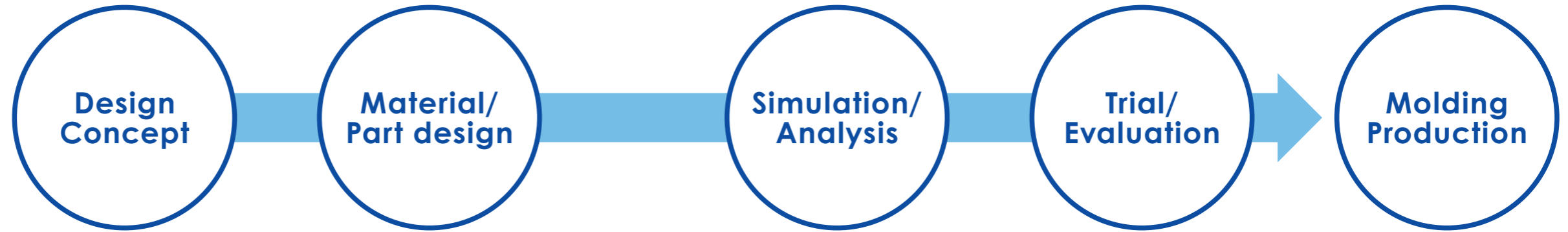
Tg (DMA)	160°C
Typical Cure Temperature	120°C-135°C
Typical Cure Cycle	120 minutes @ 135°C
Post-cure (when needed)	60 minutes @ 120°C (Autoclave) 20 minutes @ 145°C (Press)
Shelf life	30 days

COMPOSITE SOLUTIONS

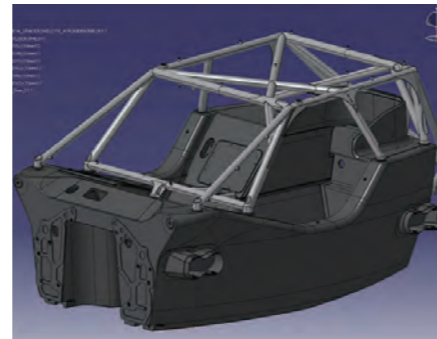
From Design to Production

Toray provides comprehensive solutions and full process support from design to molding production in order to co-develop new programs with our valued customers.

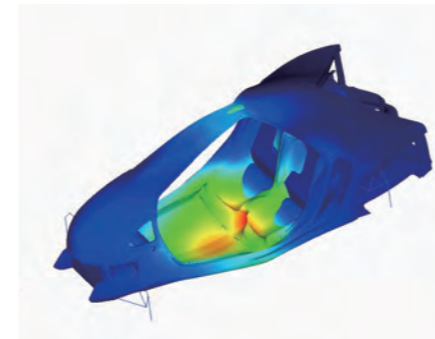
- Toray (Automotive Center)
Toray Carbon Magic
Tokyo R&D
Toray Engineering
Toray Research Center
- Carbon Magic Thailand
- Toray (Automotive Center Europe)



Our design services provide full support to our customers in the early stage of their projects.



Technological material development as a leading CF supplier. Proposing optimized materials from a variety of recipes.



Proposing optimized designs to take advantage of the CFRP materials.



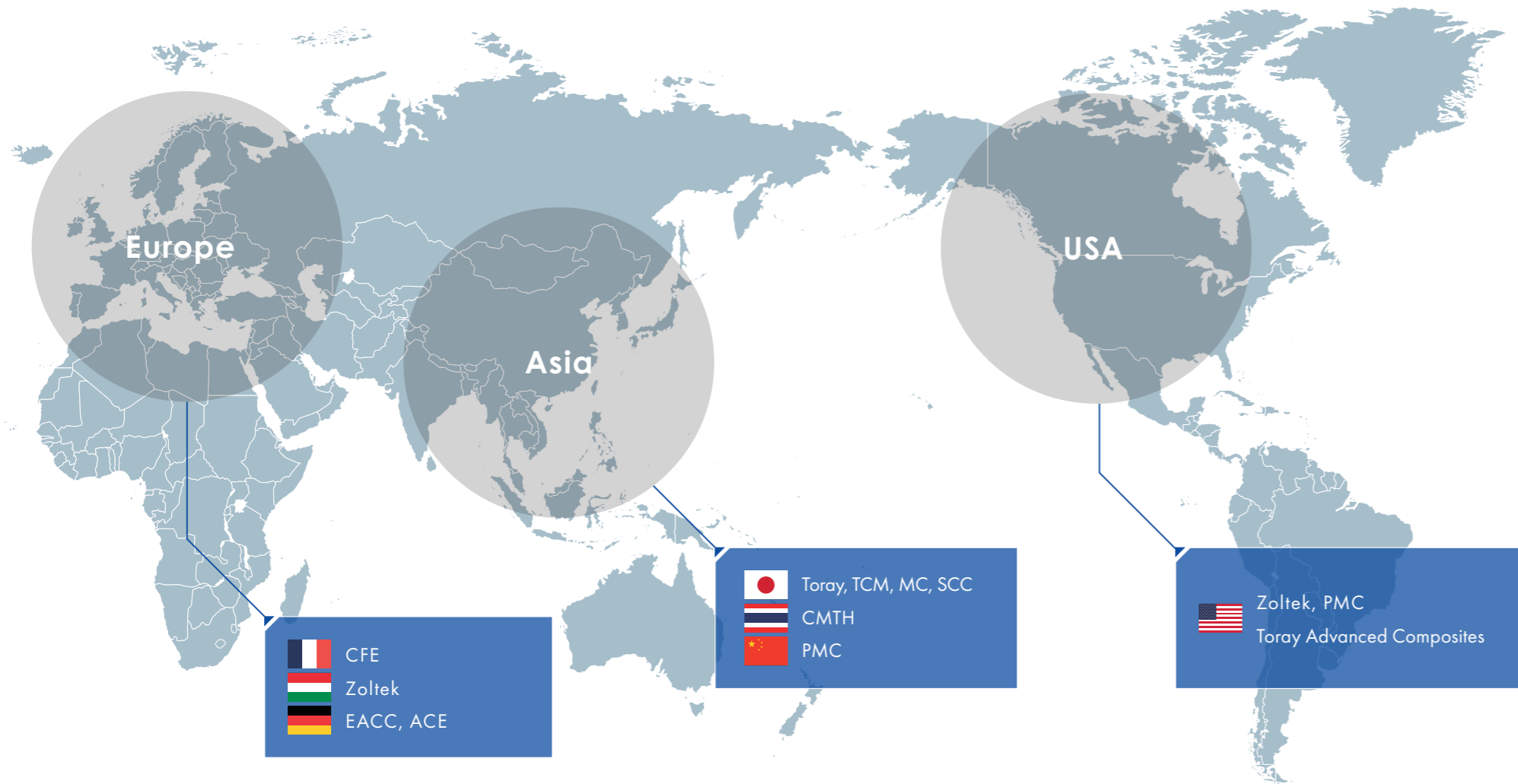
Evaluating from various angles to confirm performance works as designed. Toray Group owns a variety of the latest evaluation facilities.



Proposing a variety of molding processes for generating high quality molding production, such as Autoclave, Resin Transfer Molding, Pultrusion, Filament Winding, and Press molding.

COMPOSITE PRODUCTION

Our Global Network for Composite Production Enables Us to Provide Optimal Molding Solutions for Our Customers Around the World



Composite Processes



Resin Transfer Molding (RTM)

With RTM, a dry continuous carbon fiber preform is placed within a closed mold. Thermoset resin is then injected, under pressure, to combine with the fabric and cure in-situ, to create a composite part. Our RTM has "A-coat" technology to allow for a no-primer painting process.



Sheet Molding Compound (SMC)

SMC utilizes chopped carbon fibers, set within a resin matrix which is then compression molded. This is suitable for the production of high volume composite components that include thin-walled structures, and results in excellent part reproducibility.



Autoclave (AC)

Autoclave curing of composite components transforms intermediary composite products into finished parts, through the application of heat and pressure to cure or consolidate laminates and remove voids. Our AC process is an established and trusted solution for Formula 1 and Motorsport applications.

LOCATIONS

JAPAN

Toray Industries, Inc. Tokyo Head Office

Nihonbashi Mitsui Tower, 1-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo 103-8666, Japan
TEL (81) 3-3245-5111

Osaka Head Office

Nakanoshima Mitsui Bldg., 3-3, Nakanoshima 3-chome, Kita-ku, Osaka 530-8222, Japan
TEL (81) 6-6445-4101

Toray Carbon Magic Co., Ltd.

215-1 Miyoshi, Maibara, Shiga 521-0023, Japan
TEL (81) 749-54-2828

Main Business: Research, development, design, manufacturing and marketing of CFRP composites

UNITED STATES

Performance Materials Corp. (PMC)

1150 Calle Suerte, 93012 Camarillo, CA, U.S.A.
TEL (1) 805-482-1722

Main Business: Manufacturing and marketing of thermoplastic composites and laminates for the sporting goods, footwear and medical markets.

Toray Composite Materials America, Inc. (CMA)

Head Office and Tacoma Plant:

19002, 50th Ave. E., Tacoma, WA 98446, U.S.A.
TEL (1) 253-846-1777

Decatur Plant:

2030 Highway 20 Decatur, AL 35601, U.S.A.
(P.O. Box 248, Decatur, AL 35602, U.S.A.)
TEL (1) 256-260-2626

Spartanburg Plant:

2202 Moore-Duncan Highway, Moore, SC 29369, U.S.A.
TEL (1) 864-586-3444

Dallas Office:

700 Parker Square Suite 275, Flower Mound, TX 75028, U.S.A.
TEL (1) 972-899-2930

Main Business: Development, manufacturing and marketing of polyacrylonitrile-based carbon fibers and carbon fiber prepreg

Zoltek Corporation (ZUS)

3101 McKelvey Road, Bridgeton, MO 63044, U.S.A.
TEL (1) 314-291-5110

Main Business: Manufacturing and marketing of large tow carbon fiber composite materials

Toray Advanced Composites USA Inc. (TACUS)

18255 Sutter Blvd. 95037 Morgan Hill, CA, U.S.A.
TEL (1) 408-465-8500

Main Business: Manufacturing and marketing of thermoplastic UD tapes, thermoset prepregs, surfacing films, molding compounds and adhesives for the aerospace and industrial markets

Toray Advanced Composites ADS LLC (TACADS)

2450 Cordelia Road, 94534 Fairfield, CA, U.S.A.
TEL (1) 707-359-3400

Main Business: Manufacturing and marketing of thermoset prepregs and molded parts for the aerospace and industrial markets

MEXICO

Zoltek de Mexico S.A. de C.V. (ZMX)

Km. 3 Carretera a El Salto, El Salto, Jalisco, Mexico 45680
TEL (52) 33-3284-3333

Main Business: Manufacturing and marketing of large tow carbon fiber composite materials

UNITED KINGDOM

Toray Advanced Composites UK Ltd (TACUK)

Amber Drive, NG16 4BE Langley Mill, Nottingham, United Kingdom
TEL (44) 1773-530899

Main Business: Manufacturing and marketing of thermoset and thermoplastic prepregs

Toray International U.K. Ltd. (TIUK)

7th Floor, 69 Leadenhall Street, London, EC3A 2BG, England, U.K.
TEL (44) 20-7663-7700

Main Business: Trading activities

GERMANY

euro advanced carbon fiber composites GmbH (eacc)

Fritz-Mueller-Strasse 11-27, 73730 Esslingen, Germany
TEL (49) 711-18-5678-20

Main Business: Manufacturing and marketing of CFRP parts and components

FRANCE

Toray Carbon Fibers Europe S.A. (CFE)

RD817, 64170 Lacq, France
TEL (33) 5-59-60-71-00

Paris Office:

18-20 Avenue de la Porte d'Italie, 75013 Paris, France
Email sales.cfe.mb@mail.toray

German Office:

c/o HQ, 1st Floor, Domhofstr.34, D-63263 Neu-Isenburg, Germany
Email sales.cfe.mb@mail.toray
Main Business: Manufacturing and marketing of carbon fibers, composite pultruded products and Advanced Towpreg

ITALY

Composite Materials (Italy) s.r.l. (CIT)

Via Quasimodo, 33, 20025 Legnano (Milano), Italy
TEL (39) 0331-467-555

Main Business: Manufacturing and marketing of carbon fiber fabrics and prepregs

Delta-Tech S.p.A.

Localita Rifoglieto 60a/int.1, 55011 Altopascio (LU), Italy
TEL (39) 0583-269080

Main Business: Development and manufacturing of resin matrices for carbon fiber prepregs

Delta-Preg S.p.A.

Localita Bonifica del Tronto, 64016 Sant'Egidio alla Vibrata (TE), Italy
TEL (39) 0861-815106

Main Business: Manufacturing and Sales of carbon fiber prepregs

HUNGARY

Zoltek Zrt. (ZHU)

Varga Jozsef ter 1 Nyergesujfalu, Hungary 2537
TEL (36) 33-536-000

Main Business: Manufacturing and marketing of large tow carbon fiber materials

NETHERLANDS

Toray Advanced Composites Netherlands B.V. (TACNL)

G.van der Muelenweg 2, 7443 RE Nijverdal, The Netherlands
TEL (31) 548-633-933

Main Business: Manufacturing and marketing of thermoplastic and thermoset composite materials

CHINA

PMC Performance Materials (Guangzhou) Ltd. (PMCGZ)

48 Hongmian Avenue, Guangzhou, China
TEL (86) 020-36872887

Main Business: Manufacture and marketing of thermoplastic composites for the footwear and consumer electronics markets.

Toray International (China) Co., Ltd. (TICH)

8th Floor, Park Place, 1601 West Nanjing Road, Jing An District, Shanghai 200040, China

TEL (86) 21-3251-8558

Main Business: Trading activities

KOREA

Toray Advanced Materials Korea Inc. (TAK)

Korea Toray R&D Center, 7, Magokdong-ro 10-gil, Gangseo-gu, Seoul, 07790, Republic of KOREA

TEL (82) 2-3279-1000

Main Business: Manufacturing and marketing of PET film, PET film fabricated products, polyester filament yarns, polyester staple fibers, spunbond non-woven fabrics, carbon fibers, water treatment products and PPS resin and compounds

TAIWAN

Toray International Taipei Inc. (TITP)

6th Floor, No. 451, Changchun Road, Songshan District, Taipei 10547, Taiwan

TEL (886) 2-2716-5000

Main Business: Trading activities

INDIA

Toray International India Private Limited (TIID)

Equinox Business Park Tower 3, 6th Floor, Lal Bahadur Shastri Marg Kurla, Mumbai 400070 Maharashtra, India

TEL (91) 22-6123-0400 (or 0401, 0402, 0403, 0404)

Main Business: Trading activities

SINGAPORE

Toray International Singapore Pte. Ltd. (TISP)

111 Somerset Road, #14-01, Singapore 238164, Republic of Singapore

TEL (65) 6533-3288

Main Business: Trading activities