

PROFILE

Toray Group is mobilizing its strengths in four core technologies—organic synthetic chemistry, polymer chemistry, nanotechnology, and biotechnology—to globally expand a variety of businesses, namely, “Foundation Businesses” (Fibers & Textiles and Plastics & Chemicals), “Strategically Expanding Businesses” (IT-related Products and Carbon Fiber Composite Materials) and “Strategically Developing Businesses” (including pharmaceuticals, medical products and water treatment).

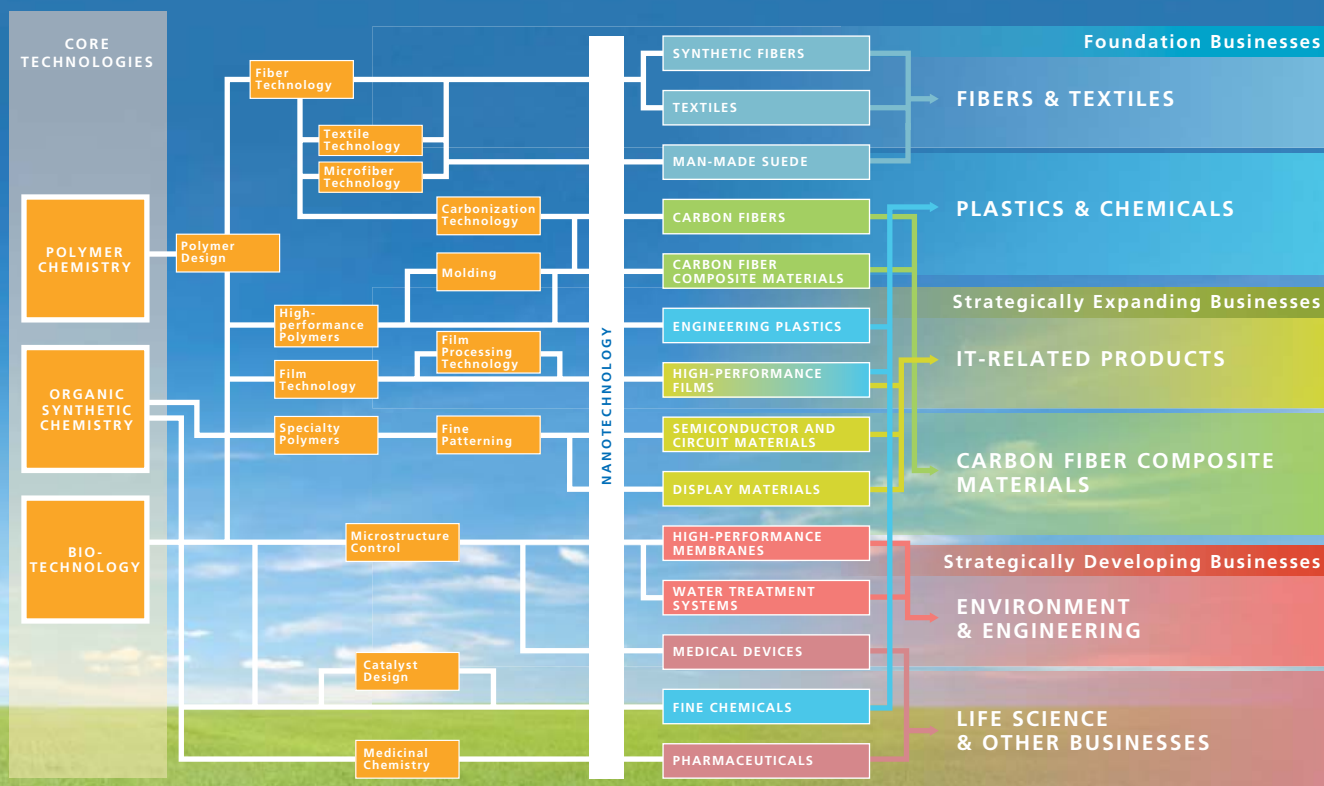
The Group is aiming to become a “global top company of advanced materials.” To this end, we have adopted an innovative approach in offering solutions to problems that have emerged amid changes to the socioeconomic structure. These problems, which have a restraining effect on economic growth, include preservation of global environment, depletion of fossil resources and energy, and aging population with declining birthrates. We will promote growth strategies and work continuously to further improve the value of Toray Group, while realizing our corporate philosophy of “contributing to society through the creation of new value with innovative ideas, technologies and products.”

CORPORATE PHILOSOPHY

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

CORPORATE MISSIONS

- For our customers** To provide new value to our customers through high-quality products and superior services
- For our employees** To provide our employees with opportunities for self development in a challenging environment
- For our shareholders** To provide our shareholders with dependable and trustworthy management
- For society** To establish ties and develop mutual trust as a responsible corporate citizen



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“E C O C H A L L E N G E” ➔

WE LIVE IN AN AGE OF UNCERTAINTY.
BUT WE CAN BE CERTAIN ABOUT ONE THING:
THESE CHALLENGES REPRESENT HUGE BUSINESS OPPORTUNITIES
FOR TORAY GROUP'S ENVIRONMENTAL SOLUTION BUSINESSES.



FIBER STRONGER THAN IRON IS
REVOLUTIONIZING FUEL ECONOMY

SAVING ENERGY

Toray's share of the world market
for polyacrylonitrile (PAN)-based carbon fiber:

34%

A material that is ten times stronger in terms of specific intensity and four times lighter than iron (and even lighter than aluminum). What is more, it doesn't rust. That material is Toray's carbon fiber. For automobiles and aircraft, "weight reduction" is the key to saving energy and reducing CO₂.

It is said that if it were possible to convert to energy 100% of the sunlight that reaches the Earth, the amount obtained in one hour would be sufficient to meet the world's energy consumption for a year. Toray's weather resistant polyester film has become the de facto standard for PET-based back sheets that protect photovoltaics (PV) modules.

Toray's share of the world market
for polyester films for PV back sheet applications:

43%

NEW ENERGY

ADVANCED MATERIALS PROTECT PHOTOVOLTAICS



CONVERTING BOTH SEAWATER
AND WASTEWATER INTO FRESH WATER

WATER TREATMENT

The number of people supplied with water
by Toray's reverse osmosis membranes:

65
million people

Toray's full lineup of water treatment membranes is backed by its world-class membrane technologies. Although the Earth is often called the "water planet," a mere 0.01% of its water is fit for human consumption. The global water shortage is worsening by the year. Water treatment membranes developed by Toray make a valuable contribution to solving the problem of insufficient water resources.

Polylactic acid (PLA) bio-plastic made from plants instead of petroleum is a renewable material. Toray's proprietary technology delivers enhanced thermal resistance, shock resistance and moldability to PLA products, paving the way for a wide range of applications, including in notebook computer chassis.

An inexhaustible recyclable resource:



B I O M A S S

U S I N G P L A N T S F O R N O T E B O O K C O M P U T E R P A R T S

