Built on talent, technology, and trust, Grace high-performance specialty chemicals and materials improve the products and processes of our customers around the world. The company operates and/or sells to customers in more than 70 countries.

In partnership with our customers—including many of the world's most recognized brands—Grace develops, manufactures, licenses, supports, and sells industry-leading technologies through our Refining Technologies, Specialty Catalysts, and Materials Technologies operating segments.

Grace operates strong franchises in large global markets, with more than 80 percent of sales from segments where we rank first or second. This leadership is earned through the value of technically differentiated, specialized products; material science expertise and technical support; flexible worldwide manufacturing; and financial strength.

Grace is committed to delivering value, safely and sustainably, to customers, to shareholders, and to the communities in which we operate.

CATALYSTS TECHNOLOGIES

**Refining Technologies** — Grace is the recognized leader in providing customer-focused, solutions-oriented fluid catalytic cracking (FCC) catalysts and additives. Our products are used around the globe to convert distilled crude oil into transportation fuels and other petroleum-based products. Refiners value Grace's broad, highly differentiated FCC technology portfolio to enhance product yields and quality. Grace’s joint venture with Chevron—Advanced Refining Technologies® (ART)—is a leading provider of hydroprocessing catalysts. ART’s comprehensive product portfolio is used by refiners to upgrade heavy feedstocks and remove contaminants.

**Specialty Catalysts** — Grace is the leader in polyolefin catalysts and licensing. Grace has the world’s broadest portfolio of polypropylene and polyethylene catalyst technologies used to produce thermoplastic resins for a variety of applications. A leading innovator and strategic partner to our customers, Grace is the only fully-integrated supplier of polyolefin catalyst solutions across all process and catalyst technologies. Grace’s state-of-the-art UNIPOL® PP Process Technology is used in the design and operation of polypropylene plants worldwide.

MATERIALS TECHNOLOGIES

Grace is the market leader in specialty silica gel. Grace silicas and zeolites are used as additives and processing aids in a wide range of industrial, coatings, consumer, and pharmaceutical applications. Grace offers custom manufacturing of fine chemicals to support the pharmaceutical, nutraceutical, and cosmetic industries.

**No. 1 World Market Share**
- FCC catalysts
- Hydrotreating
- Hydrocracking
- Independent polypropylene process technology licensing
- Polyolefin catalysts
- Specialty silica gel

**GRACE FACTS**

**Founded**
1854

**Global Employees**
3,900 approximately

**2018 Net Sales**
$2 billion\(^1\), \(^2\)

**Global Customers**
Customers in 70 countries; Approx. 72% of sales outside the U.S.

**Global Operations**
30 countries

**Manufacturing**
22 facilities in 10 countries
1 in development

**R&D and Technical Service**
11 facilities in 7 countries

**Patents**
Holding more than 800 active U.S. patents

\(^1\) Based on FY2018
\(^2\) Catalysts Technologies includes unconsolidated ART joint venture; FCC = Fluid Catalytic Cracking, SC = Specialty Catalysts, ART = Advanced Refining Technologies; FCC and ART together constitute the Refining Technologies operating segment
Grace is dedicated to the highest standards of health, safety, and environmental stewardship. The company has developed a highly efficient environmental management system to reduce waste at its source and maintain strict emission controls. The company set as a priority the vision of no accidents, injuries, or harm to the environment, and publicly reports global environmental health and safety performance.

Many Grace products are tailored and designed to help customers run their operations with greater energy efficiency, to reduce emissions, and maximize production. Most important, a significant number of Grace products materially enhance the environmental sustainability of our customers’ products, from reduced carbon emissions to the reduction of volatile organic compounds and more.

In 2018, Grace earned a Silver Rating from EcoVadis, placing the company in the top 10 percent of suppliers in all corporate social responsibility categories.