

Together we can make the impossible, possible.

Partnering with Kuraray

Vance R. Darr, P.E.
Interim Director, HSES
Kuraray America, Inc.



Agenda

- 1) About Us
- 2) Business Highlights
- 3) About Me



About Us

What's the origin of Kuraray?

Est.
1926

Kura...

is the Japanese word for warehouse,
and Kuraray was established in Kurashiki

...ray

the viscose fiber rayon
was the first Kuraray product



Kuraray



Kuraray's Global Presence

31
Countries

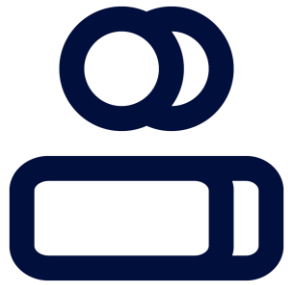
11,703
Employees



- ★ Kuraray Co., Ltd. (including offices, production, laboratories)
- Regional Headquarters
- Research & Technical Centers
- Production Facilities
- Sales Offices

Quick Facts: Kuraray America, Inc. (KAI)

Kuraray is a specialty materials company that collaborates, develops, and produces industry-leading materials, like chemicals, fibers, resins, and more, that enhance the quality of life for people around the world.



Number of
employees:
~800



Certifications:
Responsible
Care®
14001



Founded:
Trading
Office (NY)
1963
Production
(TX)
1986



Locations:
8
Production
Sites
7
States



Business Highlights



Kurararay's Main Product Categories

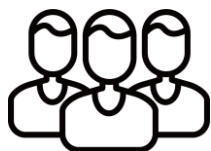


Kuraray's Vision 2026

To be a specialty chemical company contributing to customers, society, and the planet while growing sustainably by incorporating new innovation platforms into its own technologies.

We contribute to the following:

Customers



Society



The Earth



Kuraray Develops High-Barrier, Recyclable Resin for Paper Coating

In 2023, Kuraray developed a new grade of our plant-based resin designed specifically for converters who perform extrusion coating.

PLANTIC™ EP can be used to develop sustainable gas and aroma-barrier solutions with paper, paperboard, or traditional film substrates.

The new resin grade passed repulping and recyclability certification from Western Michigan University (WMU), laying the groundwork for sustainable barrier pouch and carton formats for brand owners and converters.

With PLANTIC EP, the market now has a high-barrier option that can be fully recoverable and recyclable in the U.S. paper stream.



ISCC PLUS Certificate

Certificate Number: ISCC-PLUS-Cert-DE105-89768301

Control Union Certifications Germany GmbH
Bornitzstr. 73-75, D-10365 Berlin, Germany

certifies that

Kuraray America, Inc.
Strang Rd. 12342, 77571 La Porte, TX
UNITED STATES

complies with the requirements of the certification system
ISCC PLUS
(International Sustainability and Carbon Certification)

Place of the audit
(if different from the legal address of the system user as stated above; only applicable for traders and traders with storage):
n.a.

This certificate is valid from 20.11.2023 to 19.11.2024.

The site of the system user is certified as:
Trader with Storage
Specialty chemical plant

The scope of the certificate includes the following chain of custody options:
(not applicable for paper traders)

Mass Balance

Berlin, 20.11.2023
Place and date of issue


Stamp, Signature of issuing party

The issuing Certification Body is responsible for the accuracy of this document.
Version / Date: 1 (no adjustments) / 20.11.2023

Page 1 of 2

Reducing our carbon footprint: Our La Porte Plant attains ISCC+ Certification

In Q4 2023, KAI's La Porte Plant achieved ISCC Plus (ISCC+) Certification—a testament to our commitment to sustainability.

With this certification, the La Porte Plant can utilize bio-ethylene and attribute this raw material to its first bio-VAM and bio-Elvanol™ production!

Environmental Performance

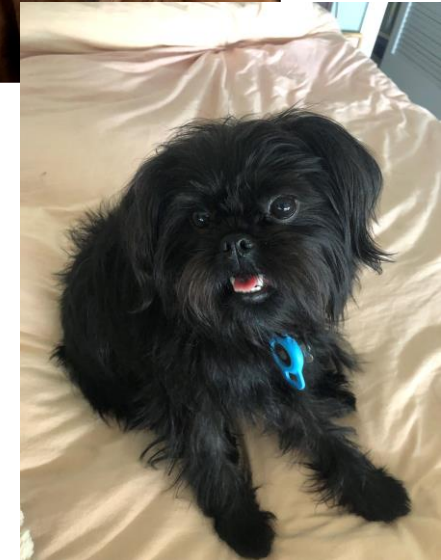
We believe it is vital for the Kuraray Group as a Specialty Chemical Company to provide the world with the products and services needed to realize a low-carbon and environmentally friendly society, and to manufacture our own products with as little environmental impact as possible.

Activity		Sustainability MTP for Planet: Environmental Impact Reduction Targets	FY2022 Results
GHG Emissions	Kuraray Group inside & outside Japan	Scope 1 + 2: No increase in emissions compared to 2019. (30% reduction compared to 2019 by 2030)	Scope 1 + 2 emissions: 2022: 2,896 thousand tons of CO ₂ (2019: 3,230 thousand tons-CO ₂)
		Scope 3: Target the entire Group and identify categories that account for more than two-thirds of emissions; formulate reduction targets for 2024 and 2026	We are currently identifying major categories for the entire Group to formulate reduction targets.
Energy Conservation	Kuraray Group inside & outside Japan	Sales intensity of energy consumption: Reduction of 5% or more in 2026 compared to 2019 (improvement)	Sales intensity of energy consumption: 17.2% reduction compared to 2019 (improvement)
Effective use of water	Kuraray Group inside & outside Japan	Sales intensity of waste generation: Reduction of 5% or more in 2026 compared to 2019 (improvement)	Sales intensity of waste generation: 28.0% reduction compared to 2019 (improvement)
Effective use of water resources (excluding seawater)	Kuraray Group outside Japan	Sales intensity of water usage (excluding seawater): Reduction of 5% or more in 2026 compared to 2019 (improvement)	Sales intensity of water usage (excluding seawater): 25.6% reduction compared to 2019 (improvement)
Emission management of chemical substances	Kuraray Group inside Japan	Chemical substance emissions: Manage at levels below 2019 results	Chemical substance emissions: 2022: 894 tons (2019: 967 tons)
	Kuraray Group outside Japan	Comply with chemical substance emission regulations in each country and region where overseas production bases are located, and continue quantitative emission control	Complied with chemical substance emission regulations and implemented quantitative emission control.

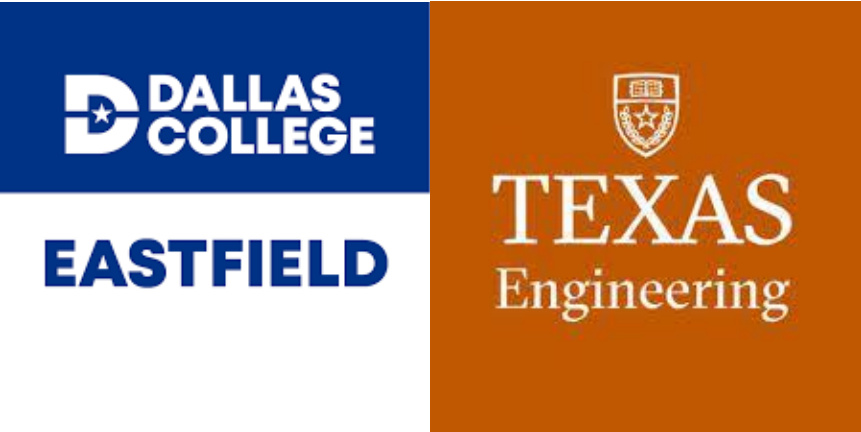


Personal Highlights

Who I am...



Where I've Trained...



K KOCH-GLITSCH®

 **TEXAS
INSTRUMENTS**

 **Kodak**

EASTMAN

 **LYONDELL**

PETROLOGISTICS

kuraray

Possible starts here

What I Enjoy...



Hurricane Nicholas Sept. 2021





Thank you!

The background of the slide is white and features five large, solid yellow circles of varying sizes. One circle is positioned behind the word 'Questions?', partially obscuring it. The other four circles are located in the corners and mid-sections of the slide.

Questions?

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