

April 7, 2025

Denka Company Limited

Denka Polymer Co., Ltd.

D-NODE™ Brand, Resource Circulation System for Styrene Materials **- Realizing Circular Economy through Resource Circulation -**



Denka Company Limited (Headquarters: Chuo-ku, Tokyo; Representative Director, President: Ikuo Ishida) and Denka Polymer Co., Ltd. (Head Office: Koto-ku, Tokyo; President: Tomomichi Takahashi) have launched the Group's unique resource circulation system brand, D-NODE™, with the aim of realizing a sustainable society. D-NODE™ is a brand that promotes the recycling and remanufacturing of styrene materials by utilizing used polystyrene products and biomass raw materials.

The Denka Group started operation of a polystyrene chemical recycling plant at the Denka Chiba Plant (Ichihara City, Chiba Prefecture) in March 2024 based on its Styrene Chain, which has an integrated manufacturing and sales system from raw materials to final products.

Through D-NODE™, we will contribute to the construction of a sustainable society through cooperation with local governments and other companies and the latest recycling technology. We will also promote the recycling of styrene materials by adopting appropriate methods, including chemical recycling and material recycling, as well as utilizing biomass materials through bio-circular means.

The Denka Group ranks the promotion of the circular economy of styrene materials as one of the policies to work on in the Management Plan "Mission 2030". Looking ahead to the realization of carbon neutrality realized by 2050, we will promote the development of sustainable products that contribute to the realization of safe, secure, and comfortable daily life, and we will satisfy the needs of society and customers to reduce the environmental load and further strengthen our efforts to realize a sustainable society.

Denka Company Limited will continue contributing to people's daily lives and society by applying its world-class chemistry know-how based on the Purpose of Mission 2030: "Make the world a better place as specialists in chemistry."

■D-NODE™

Unique resource circulation system that realizes a circular economy

D-NODE™ is a comprehensive brand of the Denka Group's unique resource circulation system.

Based on the concept of “A unique resource circulation system based on the Styrene Chain and appropriate recycling methods will create a larger circular economy”, D-NODE™ will be connected with various initiatives, thereby expanding the resource circulation and contributing to sustainable and rich daily lives of people and society.

■Brand name D-NODE™ and the logo

The brand name: D-NODE, "D" is the capital letter of Denka Group, and "NODE" embraces the desire that the Denka Group will become "NODE" of multi-resource circulation of styrene materials.

Through D-NODE™, we aim to connect customers with us and to expand the network of various contact points through which styrene is circulated.

The brand logo was created with an image of the power icon connecting "D" and "NODE" with "-". It expresses that the Denka Group will play a role like a power button for the future starting from now.

*The letters D-NODE and the logo are trademarks of Denka Company Limited.

[Reference: Related previous press releases (Denka's official website)]

“Denka Launches Japan's Largest Polystyrene Chemical Recycling Plant in Cooperation with Governments” March 19, 2024

https://www.denka.co.jp/eng/storage/news/pdf/488/20240411_denka_ps_chemical_recycle_en.pdf

“The acquisition of International Sustainable Carbon Certification ISCC PLUS Certification by Our Company and Our Group Companies” June 24, 2024

https://www.denka.co.jp/eng/storage/news/pdf/500/20240624_denka.Isccplus_en.pdf

“Denka Launches Biomass BOPS Blended with an Environmentally Friendly Material” December 2, 2024

https://www.denka.co.jp/eng/storage/news/pdf/519/_denka_biomassbops_en.pdf

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