November 17, 2026

Denka Company Limited

Denka Strengthens Acetylene Black Supply Capacity with Completion of Thai Production Plant — Securing an annual production capacity of 11,000 tons to meet growing global demand from EV and renewable energy sectors —



Exterior of the Thai manufacturing plant

Denka SCGC Advanced Materials Co., Ltd., a joint venture between Denka Company Limited (Head Office: Chuo-ku, Tokyo; President: Ikuo Ishida) and SCG Chemicals Public Company Limited (Head Office: Bangkok, Thailand; CEO and President: Sakchai Patiparnpreechavud), has completed the construction of an acetylene black production plant in Map Ta Phut, Rayong Province, Thailand, and its Grand Opening Ceremony was held on November 16.

Denka Black®, an acetylene black product, is an ultra-high-purity, highly conductive material manufactured using our proprietary thermal decomposition technology. It is widely used as a conductive additive in lithium-ion batteries for electric vehicles (EVs) and energy storage systems (ESS), as well as in high-voltage power transmission cables that support the expansion of renewable energy, including offshore wind power.

Given the recent AI-driven expansion of data centers and the growing adoption of renewable energy, the ESS market is expected to grow as a key role in ensuring a stable power supply and balancing supply and demand.

Accordingly, demand for lithium-ion battery materials, particularly for ESS, is expected to increase, further driving demand for high-performance conductive materials. At the Denka Group, we position our acetylene black business as one of the strategic products in ICT & Energy, a key focus area of our management plan, Mission 2030. With the completion of this new plant, we will further strengthen our global supply network.

The production plant in Thailand has added an annual production capacity of 11,000 tons to meet growing demand in the battery and energy sectors. As a result, we will further strengthen our ability to ensure a stable supply to our customers while expanding our business in Southeast Asia and other global markets.

Guided by our purpose of "Make the world a better place as specialists in chemistry," the Denka Group will continue to contribute to people's lives and society through the Possibility of Chemistry.

Facility Overview

Company name	Denka SCGC Advanced Materials Co., Ltd.
Address	Map Ta Phut, Rayong Province, Thailand
Business description	Manufacture and sales of acetylene black
Production capacity	11,000 tons/year
Investment ratio	Denka Group 60%, SCGC 40%
Completion date	October 31, 2026
Operations start date	January 2027 (scheduled)

[Reference: Past press releases related to this matter (our official website)]

• October 20, 2022 Denka Enters into Agreement with SCG Chemicals to Establish a Joint Venture for Acetylene Black Manufacturing and Sales Business

https://www.denka.co.jp/eng/storage/news/pdf/420/20221020_denka_abjva_en.pdf

• October 10, 2023 Notice Regarding Establishment of Joint Venture Company to Manufacture and Sell Acetylene Black and Investment in Construction of Production Plant

https://www.denka.co.jp/eng/storage/news/pdf/463/20231010_denka_abjv_en.pdf

• November 13, 2023 (Disclosure Update) Notice Regarding Establishment of Joint Venture Company to Manufacture and Sell Acetylene Black and Investment in Construction of Production Plant

https://www.denka.co.jp/eng/storage/news/pdf/467/20231113_denka_abfid_eng.pdf

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