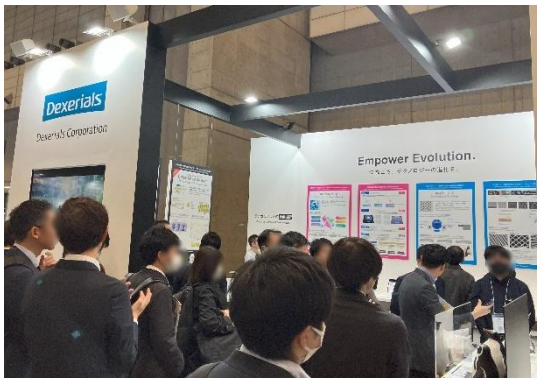
August 27, 2026
Dexerials Corporation

Dexerials to Exhibit at First Highly-Functional Material Expo

Dexerials Corporation (Headquarters: Shimotsuke-shi, Tochigi, Japan; Representative Director and President: Yoshihisa Shinya; hereinafter "Dexerials") announces that it will exhibit at the First Highly-Functional Material Expo, which will be held at Makuhari Messe (Chiba, Japan) from Wednesday, September 30 to Friday, October 2, 2026.



Dexerials Booth at an exhibition last year



Render of the Dexerials booth for this year

Dexerials is a functional materials manufacturer specializing in the development, manufacture and sale of electronic components, bonding materials and optical materials. The Dexerials Group includes subsidiaries engaged in the development and manufacture of photonics products, such as optical semiconductors, and it is committed to achieving sustainable growth and enhancing corporate value.

At its booth during this exhibition (Hall 2, Booth No. 13-31), Dexerials will showcase solutions that help address the challenges customers face, focusing on products based on its core technologies, including organic resin formulation and microfabrication technologies. The company will also exhibit a wide range of items being developed using these technologies. Through sample demonstrations, visitors will be able to learn about the performance of Dexerials's products and its problem-solving capabilities firsthand. Details are as follows.

Details

Event Name:	First Highly-Functional Material Expo (a part of Highly-Functional Material Week)
Dates:	Wednesday, September 30–Friday, October 2, 2026 10:00–18:00 (Until 17:00 on the final day)
Venue	Makuhari Messe (Chiba, Japan) Dexerials Booth: Hall 2, Booth No. 13-31

Products and Technologies to be Exhibited

- Low-temperature curing technology
- Nano patterning technology
- Low-dielectric bonding sheet
- Protective tapes for manufacturing processes
- Anti-reflection film (moth-eye type)
- Diffusive microlens array

Items Under Development

- Anti-reflection film (anti-fogging moth-eye type)
- Anti-fog resin
- Low-temperature curing resin
- High-refractive-index resin for nanoimprint applications
- Microfluidic paper-based analytical device (μPAD)
- Solder mounting film

Note: Products on display are subject to change.

How to Participate
Please register in advance using the official admission page below:
https://www.material-expo.jp/tokyo/en-gb/register.html?code=1746370736622470-KO2

Dexerials will continue to provide high value-added products, technologies and solutions that are essential for the evolution of the digital technologies that support solutions to social issues. Through these efforts, the company is working to contribute to the realization of a sustainable society, achieve sustainable growth, and continue to increase corporate value.

1. Featured Exhibits

Dexerials will showcase products that are essential for next-generation IT devices, including smartphones, cameras, sensors, displays and AR and VR devices. The exhibition will feature numerous development items and solutions designed to help address challenges faced by society and industry.

2. First-time Exhibits

a. Low-temperature Curing Resin

Dexerials has developed a resin able to cure at ultra-low temperatures below 60 °C using a latent polymerization initiator. This technology makes new applications for adhesives possible, including bonding to heat-sensitive materials that have traditionally been difficult to adhere to, and it also increases the functionality of new materials.

b. High-refractive-index Resin for Nanoimprint Applications

This UV-curable transparent resin is compatible with nanoimprint processing. It facilitates products with excellent optical properties, such as high transparency and a high refractive index, and it makes it possible to integrate the functionality of resin with the performance made possible by micro- and nano-scale structures formed using nanoimprint technology.

c. Anti-reflection Film with Anti-fogging Function (Moth-eye Type)

The film utilizes a moth-eye structure formed on the surface to achieve excellent anti-reflective performance. In addition, the water-absorbing characteristics of the structure provide an anti-fogging functionality, enabling a single optical film to have both anti-reflection and anti-fogging capabilities.

3. Exhibition Overview

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Dates:	Wednesday, September 30–Friday, October 2, 2026 10:00–18:00 (Until 17:00 on the final day)
Venue:	Makuhari Messe (Chiba, Japan)
Organizer:	RX Japan Ltd.

About the Exhibition
The Highly-Functional Material Expo is one of the world's largest exhibitions for semiconductor materials, electronic materials, functional materials, raw materials and additives. It brings together professionals involved in the research, development and procurement of advanced materials from the semiconductor, electronic, automotive, medical device, materials manufacturing and other industries, creating opportunities for exhibitors and visitors to participate in active business discussions.

Official Website
https://www.material-expo.jp/hub/en-gb.html

<Corporate Profile>
Dexerials Corporation is a functional materials manufacturer specializing in the development, manufacture and sale of electronic components, bonding materials and optical materials. The Group includes subsidiaries engaged in the development and manufacture of photonics products, such as optical semiconductors, and it is committed to achieving sustainable growth and enhancing corporate value.
Also, as a starting point in contributing toward the realization of further growth and a sustainable society, the Company has defined its Purpose: “Empower Evolution. Connect People and Technology.” as explained in the website section “About Dexerials” under “Corporate Philosophy, Vision and Purpose.”
Company name: Dexerials Corporation
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Headquarters and Tokyo Office: 9F, Mitsui Sumitomo Kaijo Tepco Building, 1-6-1 Kyobashi, Chuo-ku, Tokyo
Representative: Yoshihisa Shinya, Representative Director and President
Established: June 20, 2012
Official website: https://www.dexerials.jp/en/
LinkedIn：https://www.linkedin.com/company/dexerials-corporation/